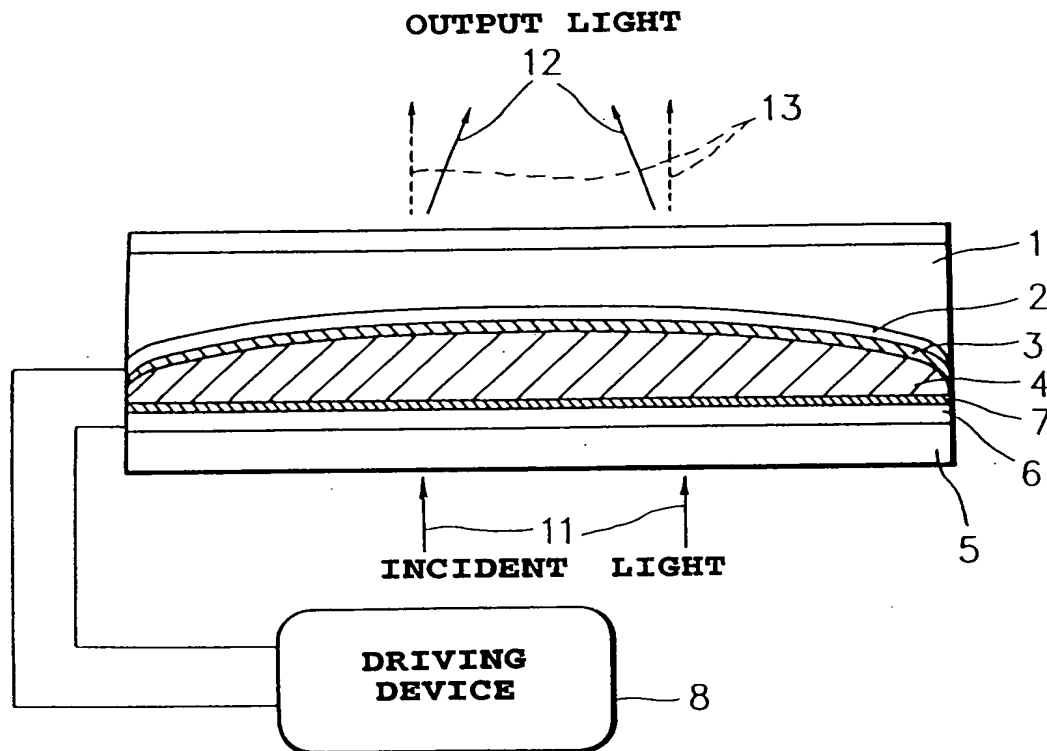
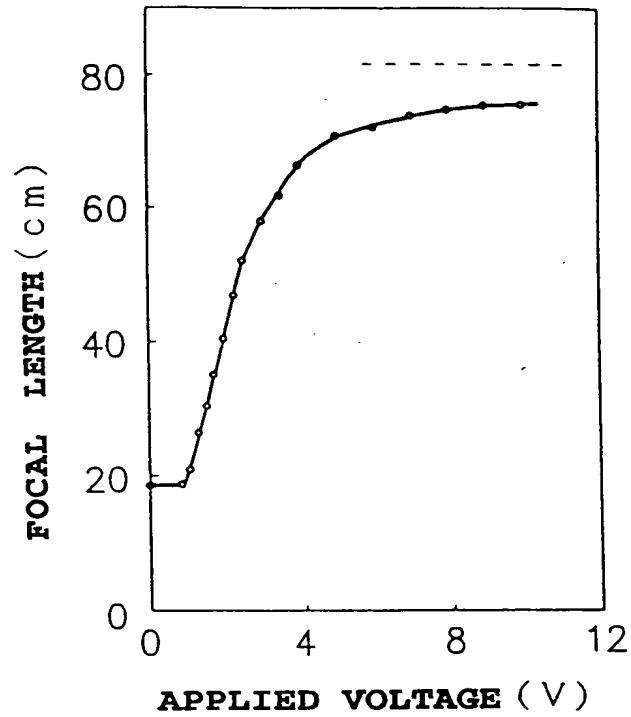


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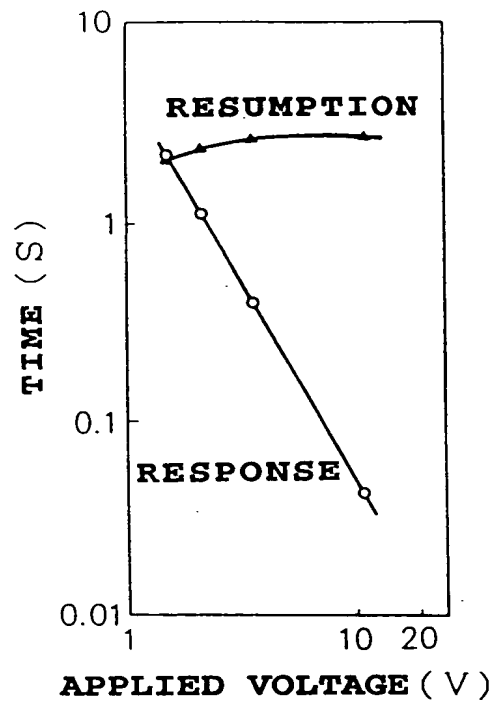
**FIG. 1**  
**PRIOR ART**

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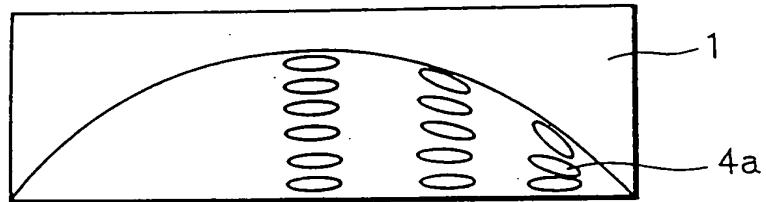
***FIG.2***  
**PRIOR ART**

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***FIG.3***  
**PRIOR ART**

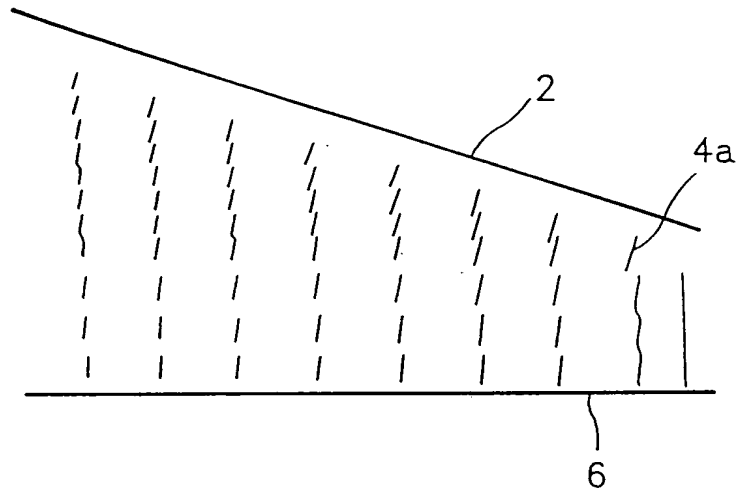
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***FIG.4***  
**PRIOR ART**

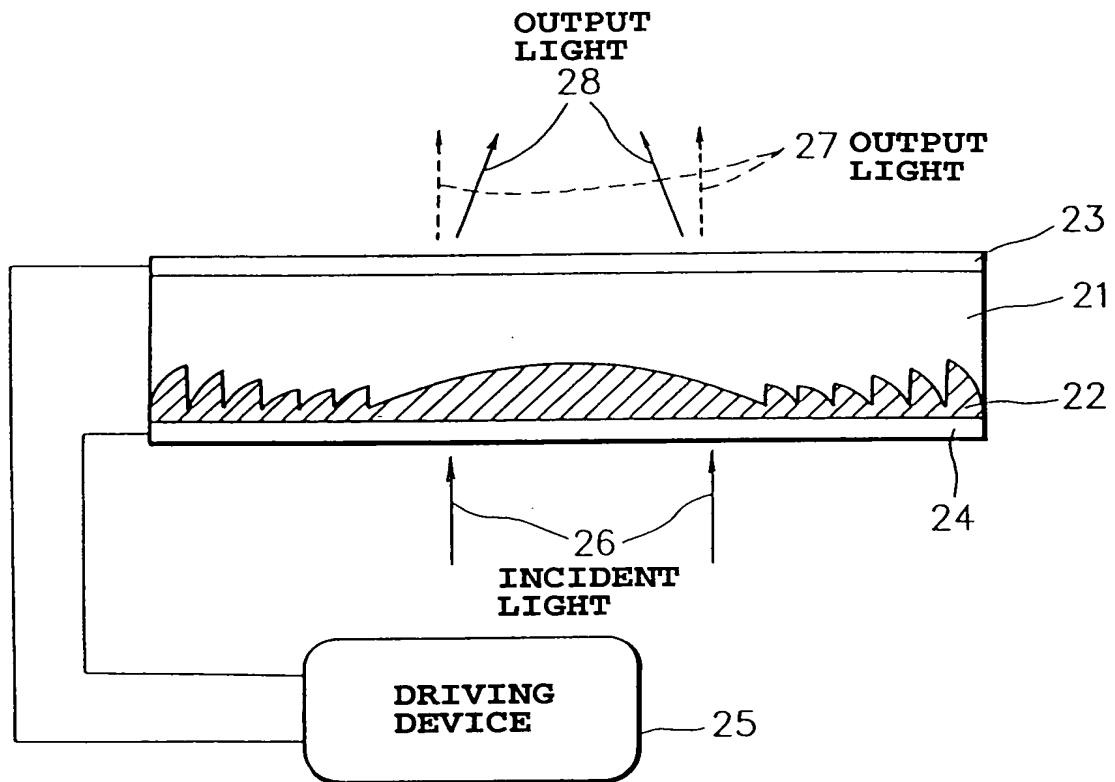


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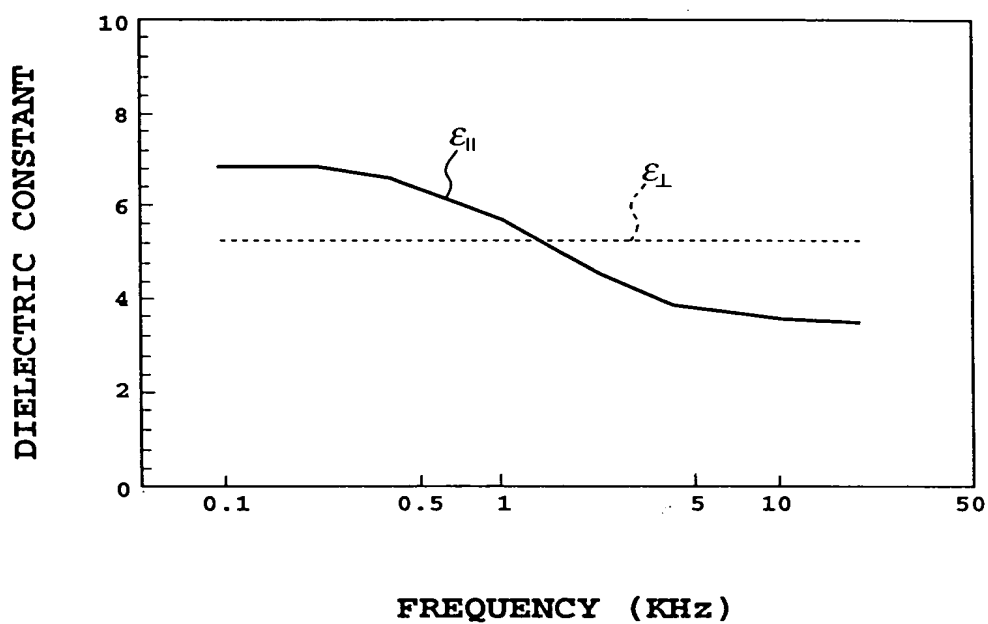
**FIG.5**  
**PRIOR ART**

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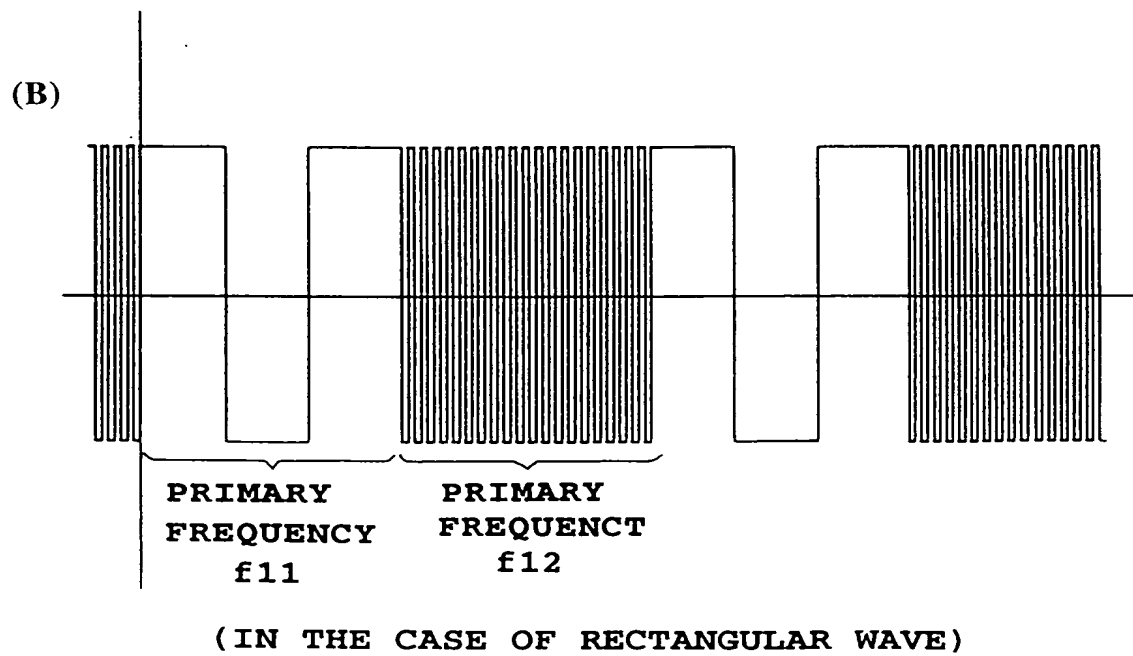
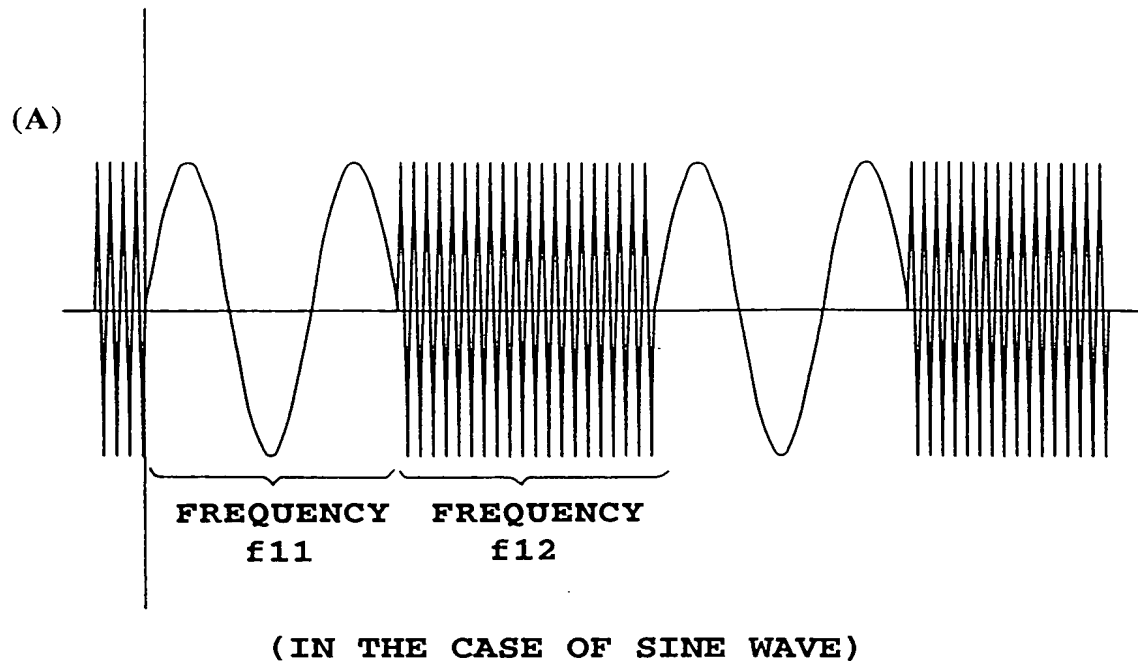
**FIG. 6**

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**FIG. 7**

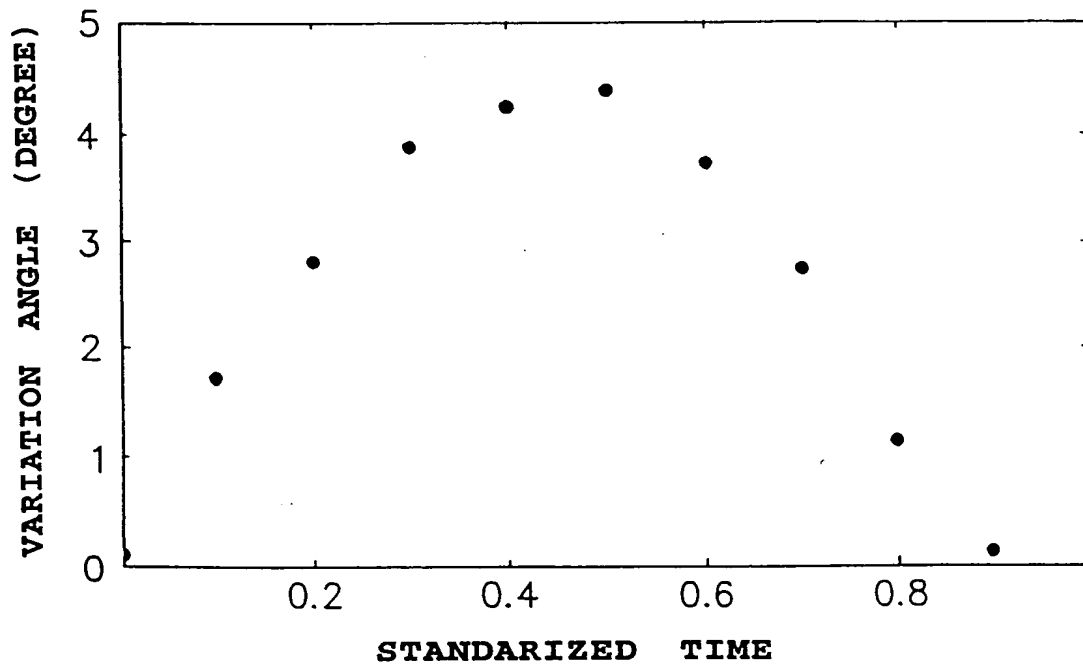
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**FIG.8**

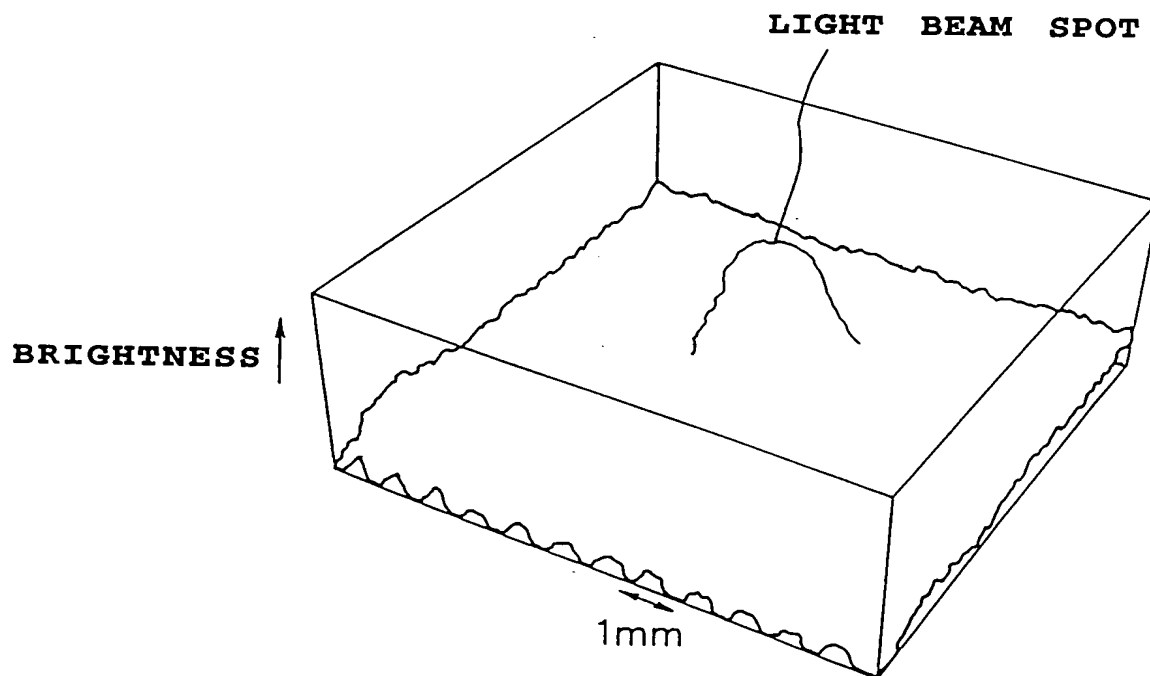


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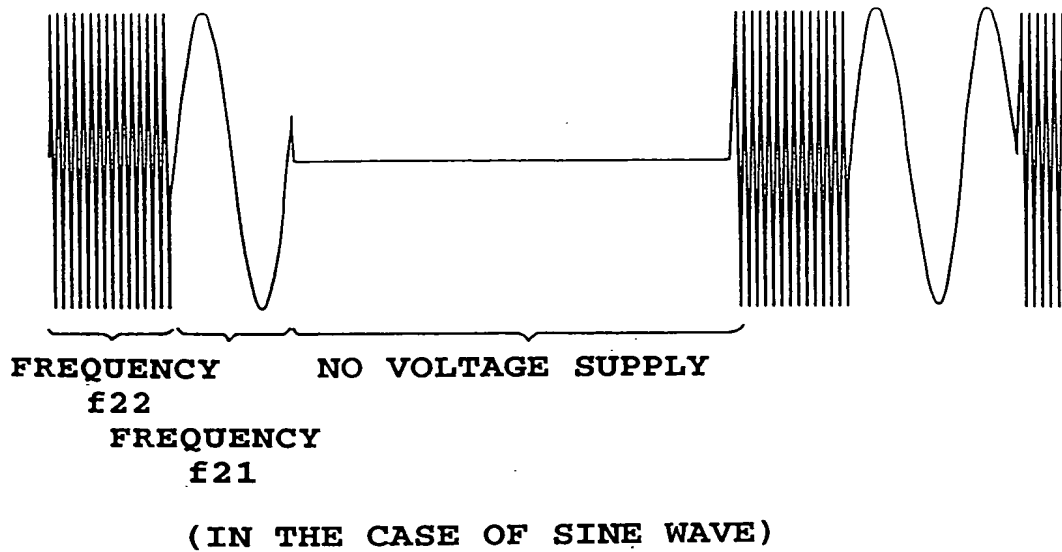
***FIG.9***

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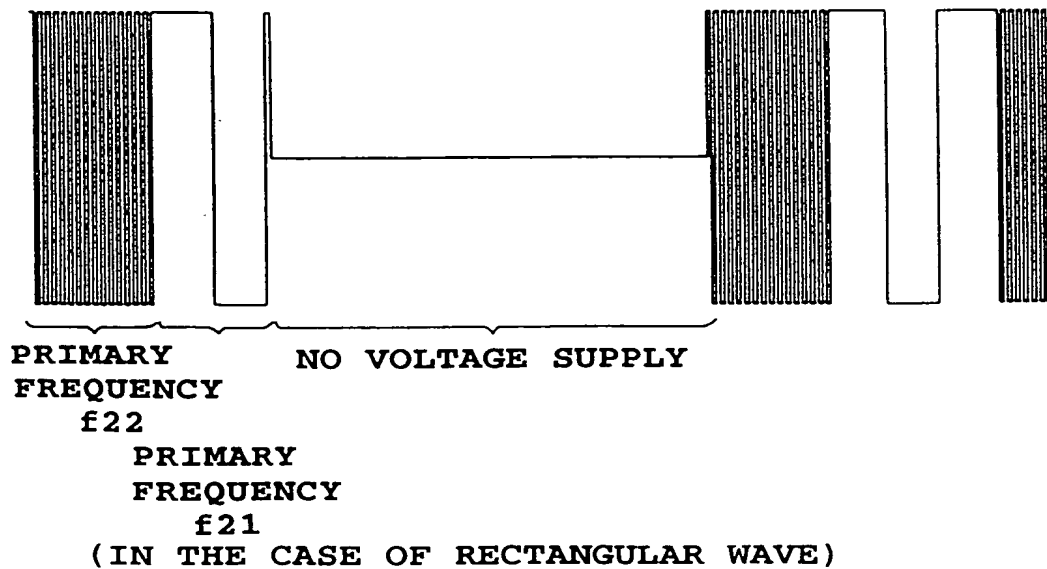


***FIG.10***

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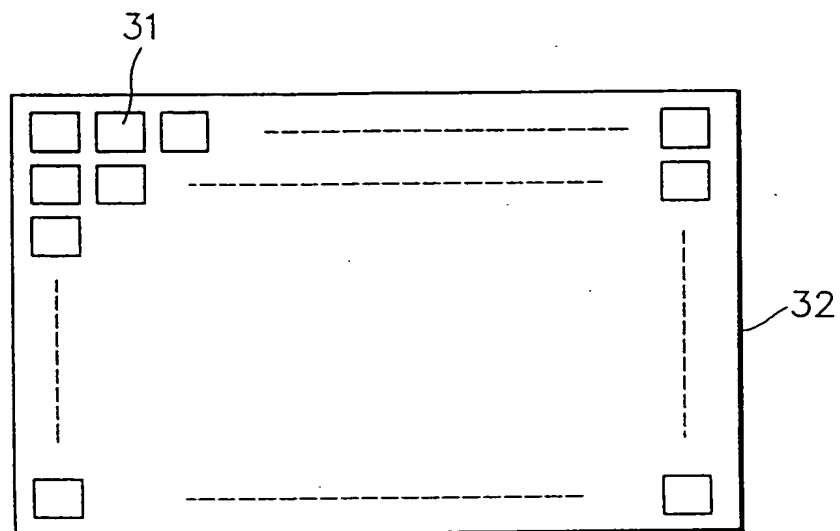


**FIG.11A**



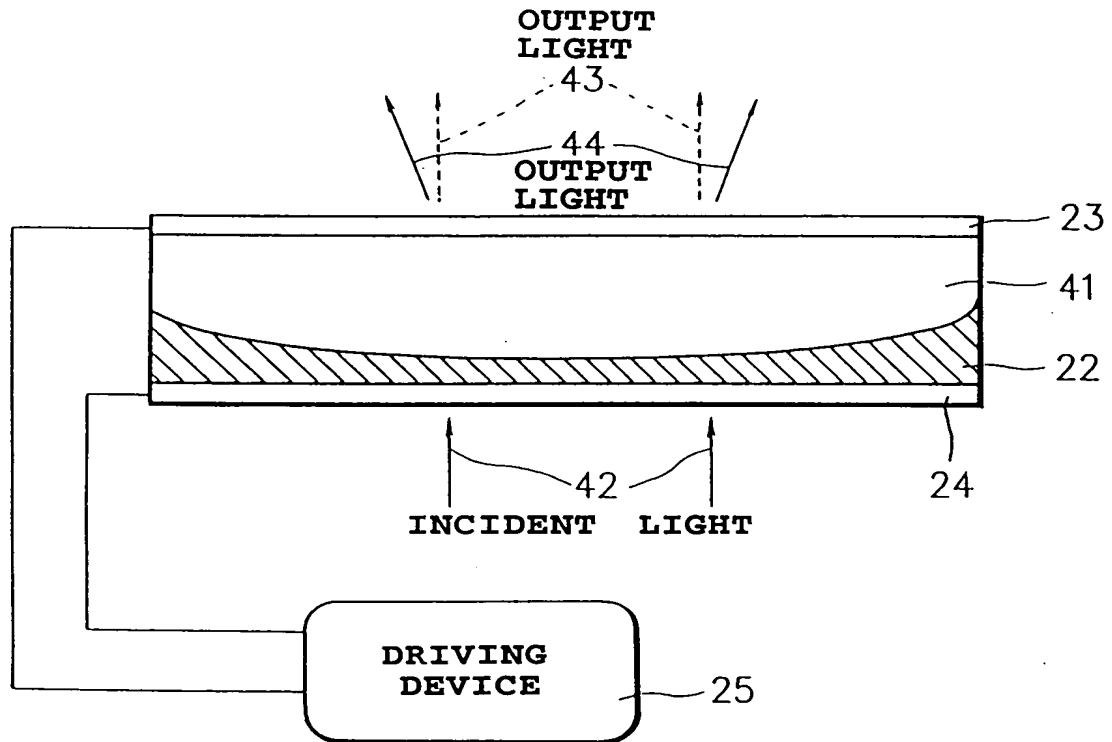
**FIG.11B**

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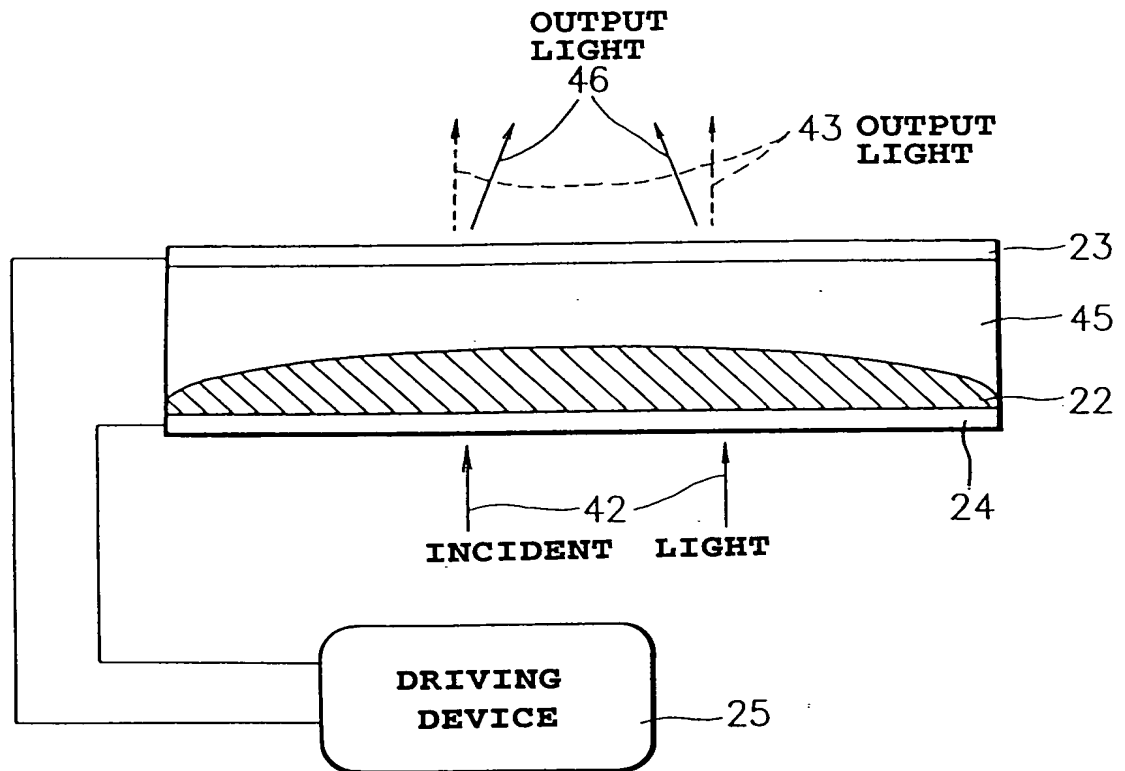
**FIG. 12**

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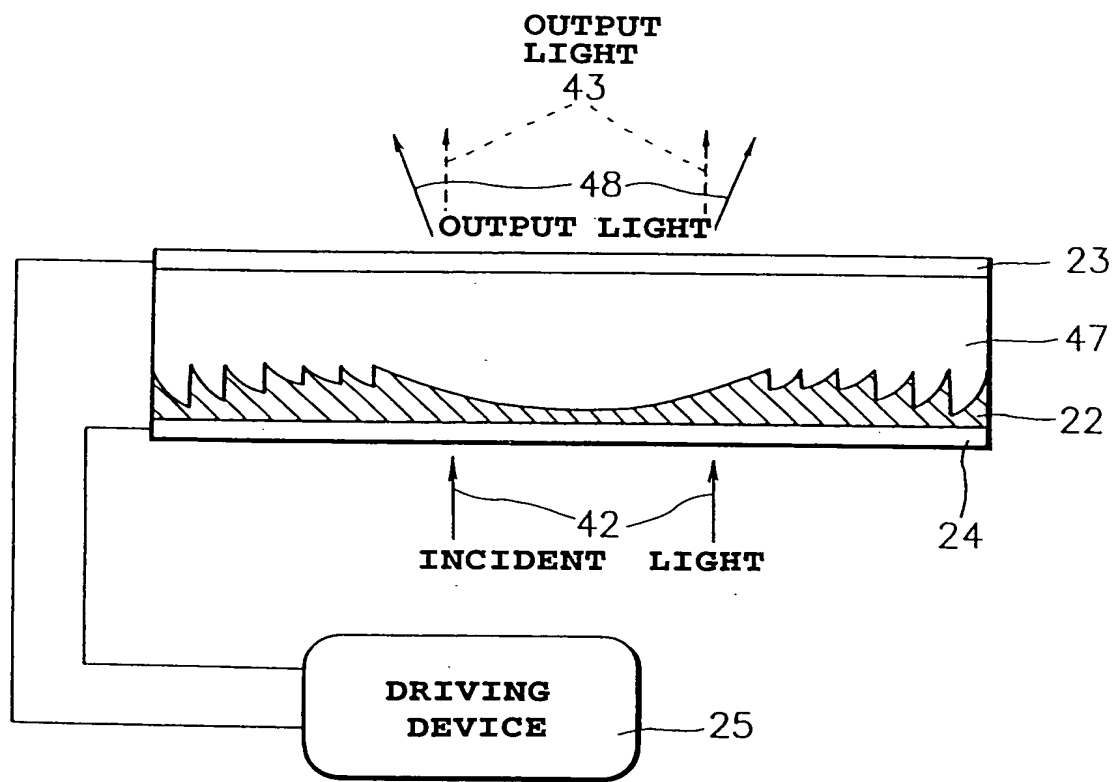
**FIG. 13**

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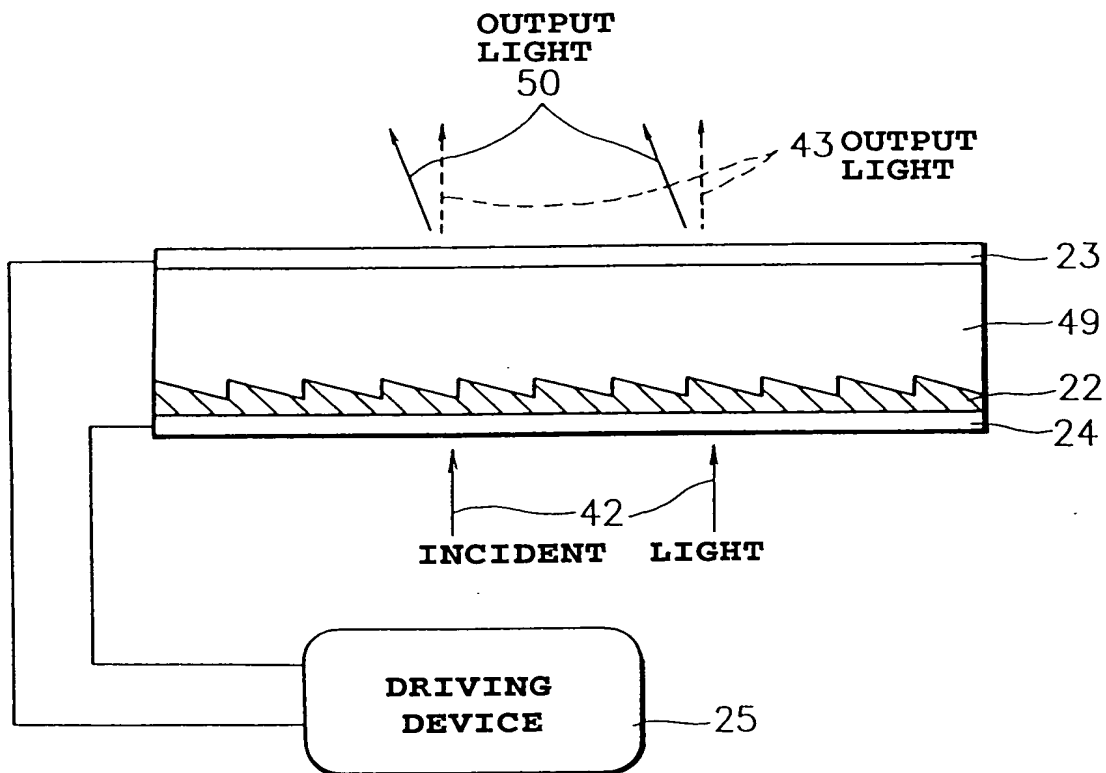
**FIG. 14**

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**FIG.15**

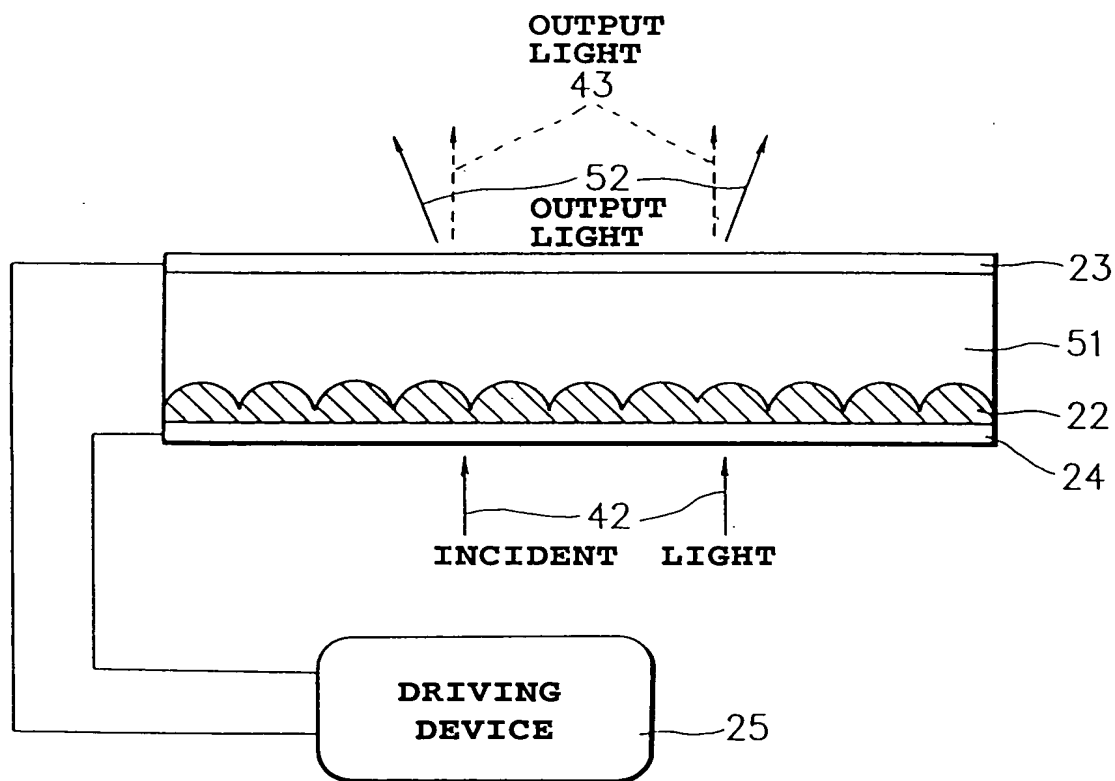
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**FIG.16**



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**FIG.17**

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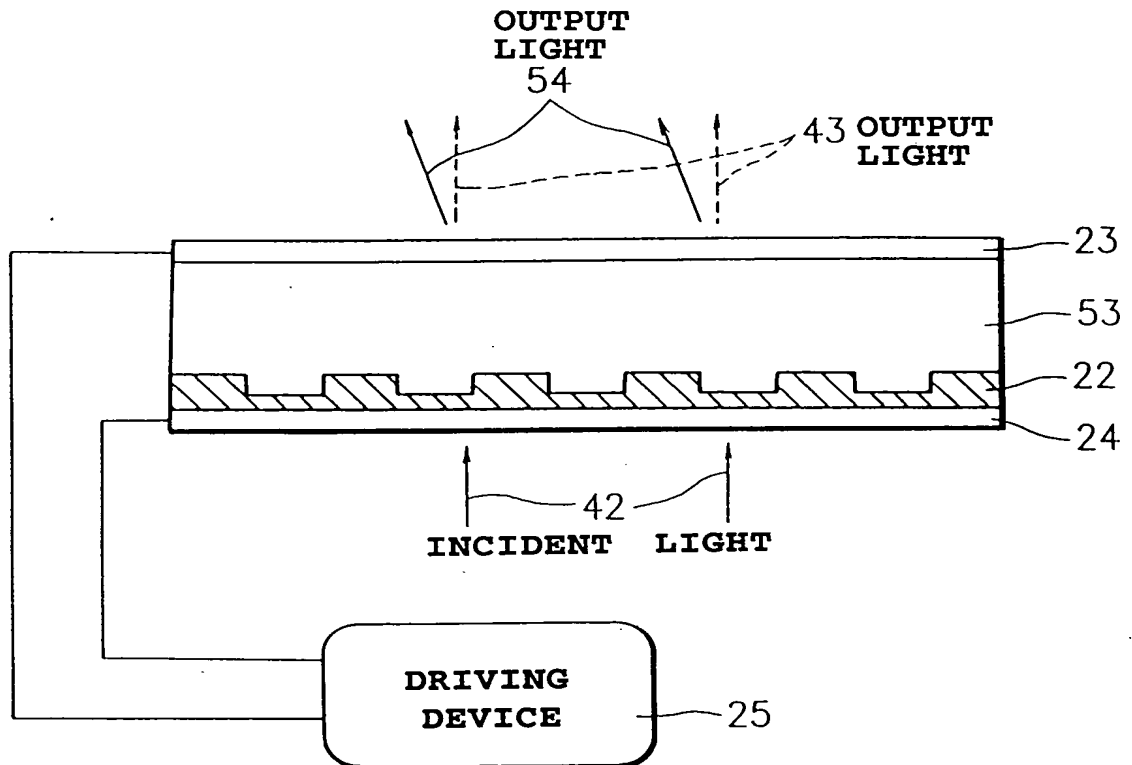
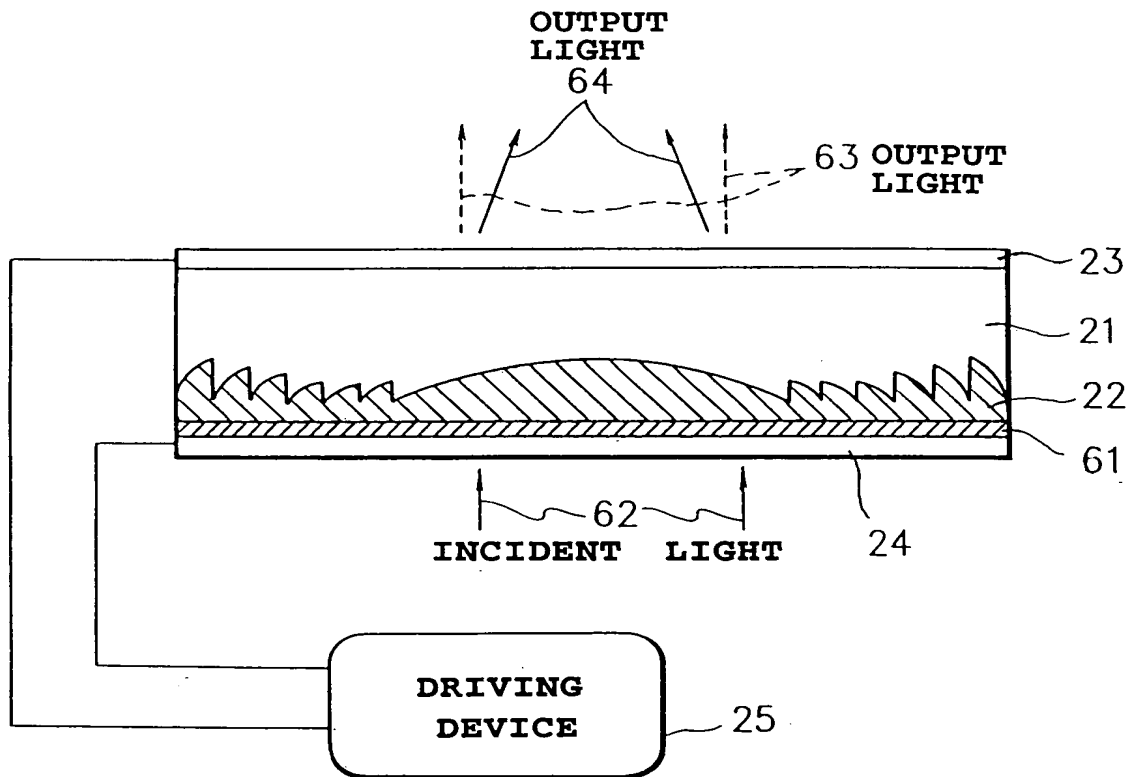


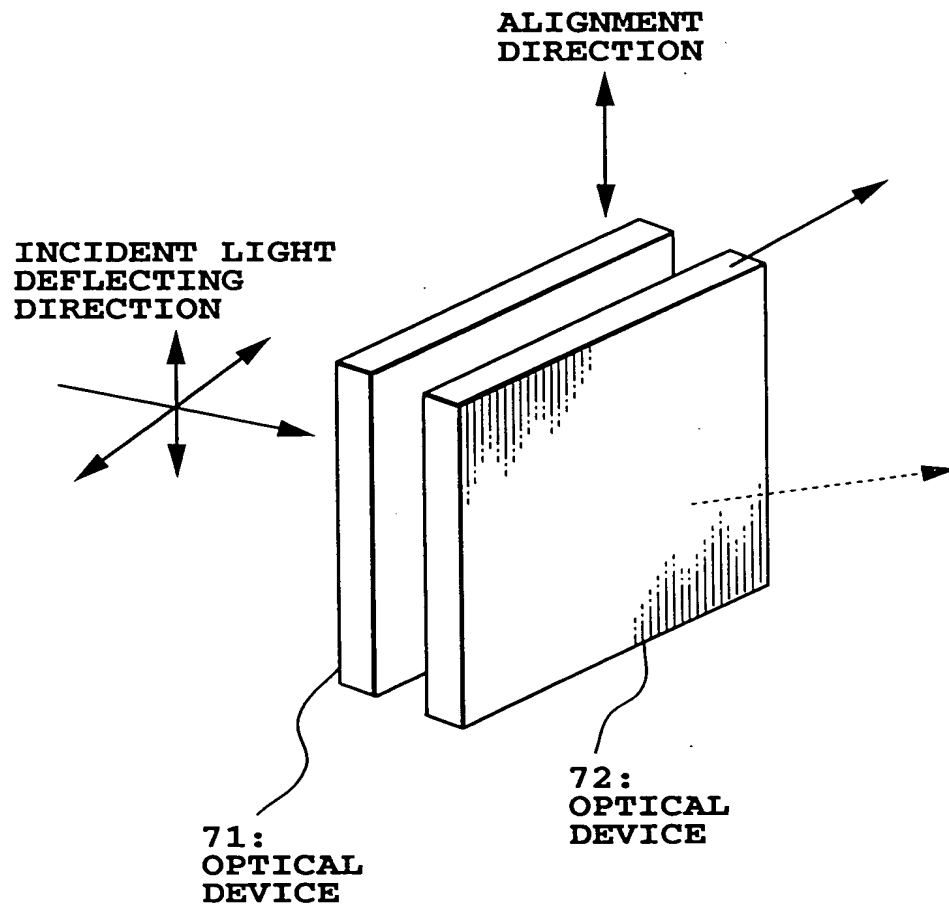
FIG.18

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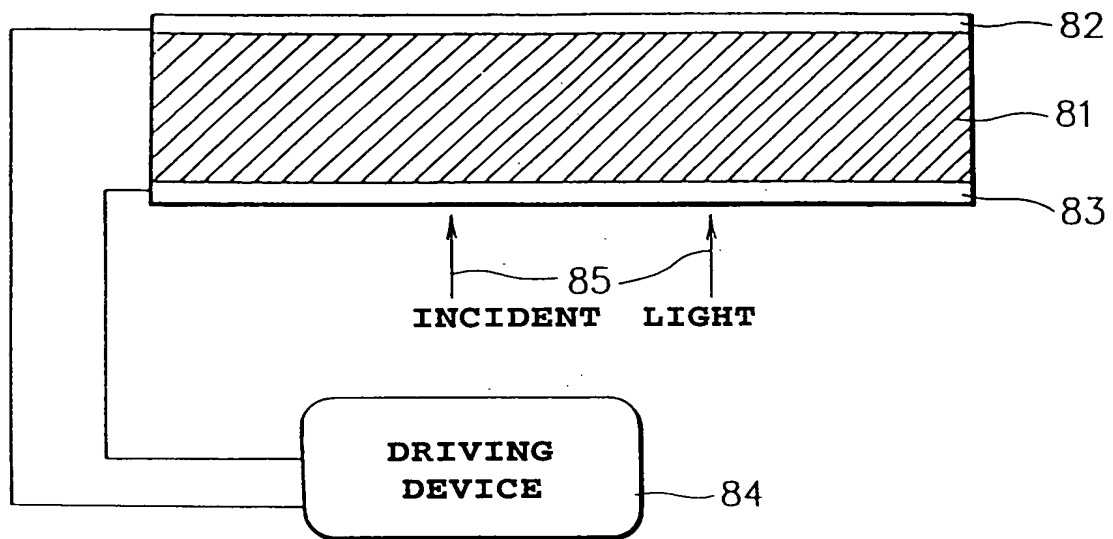
**FIG.19**

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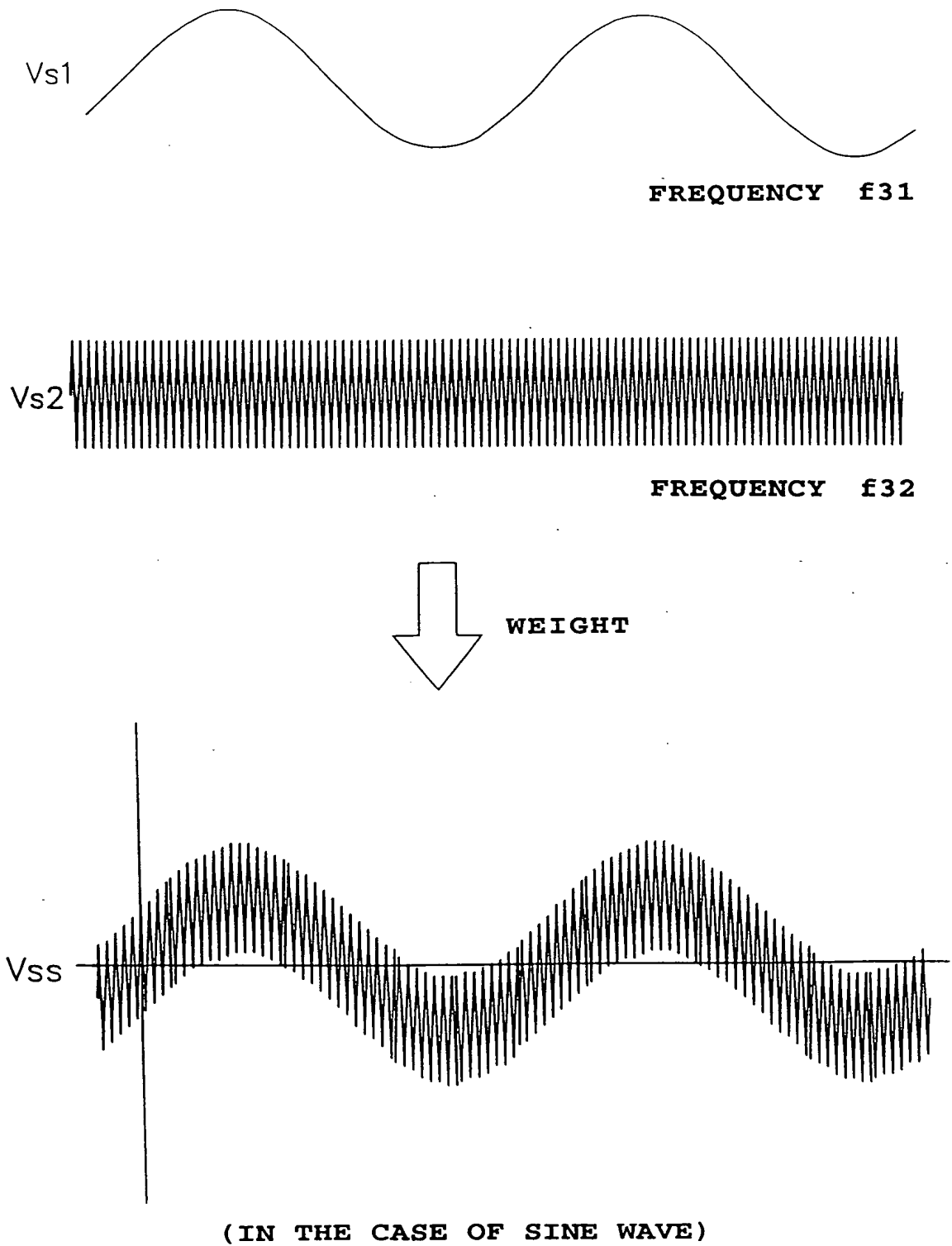
**FIG.20**

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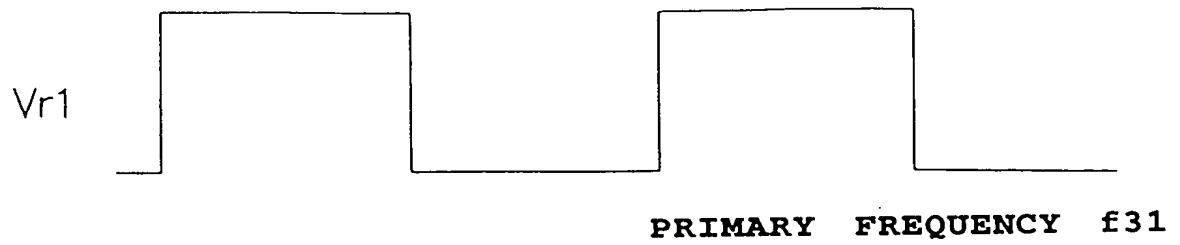
**FIG. 21**

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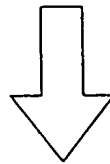
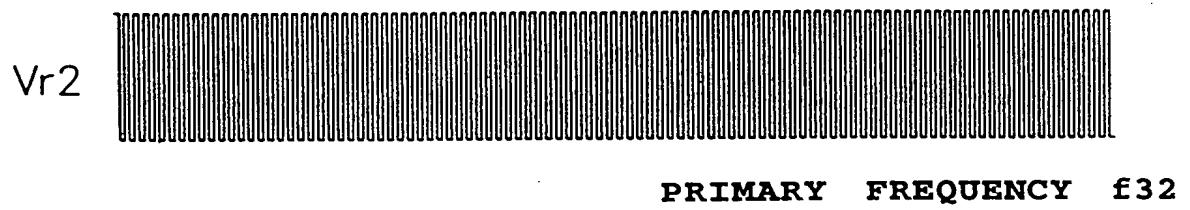


**FIG.22**

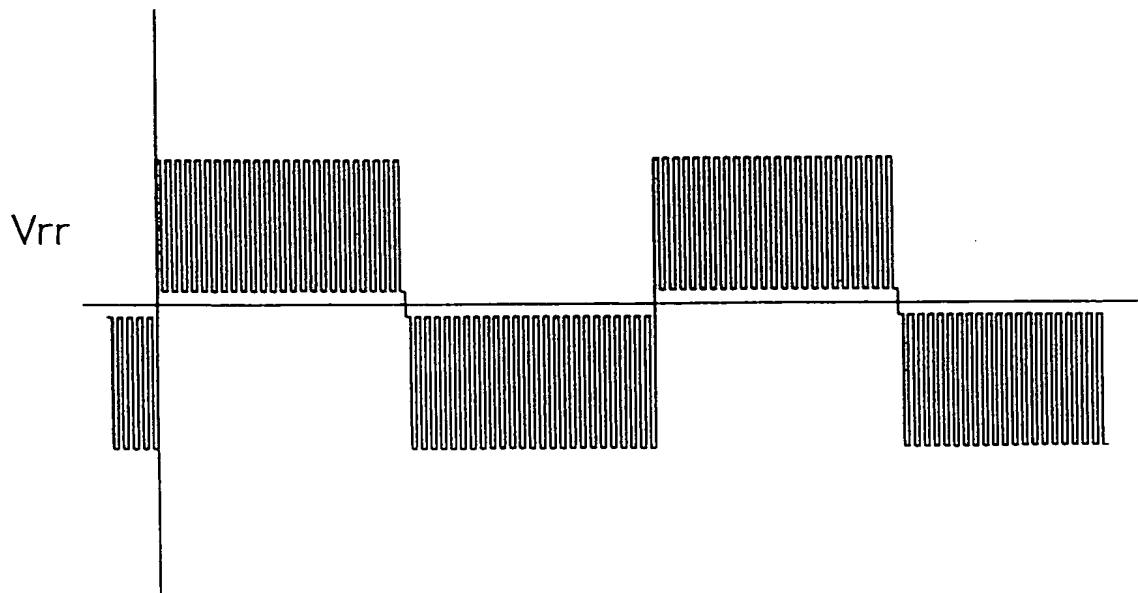
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+



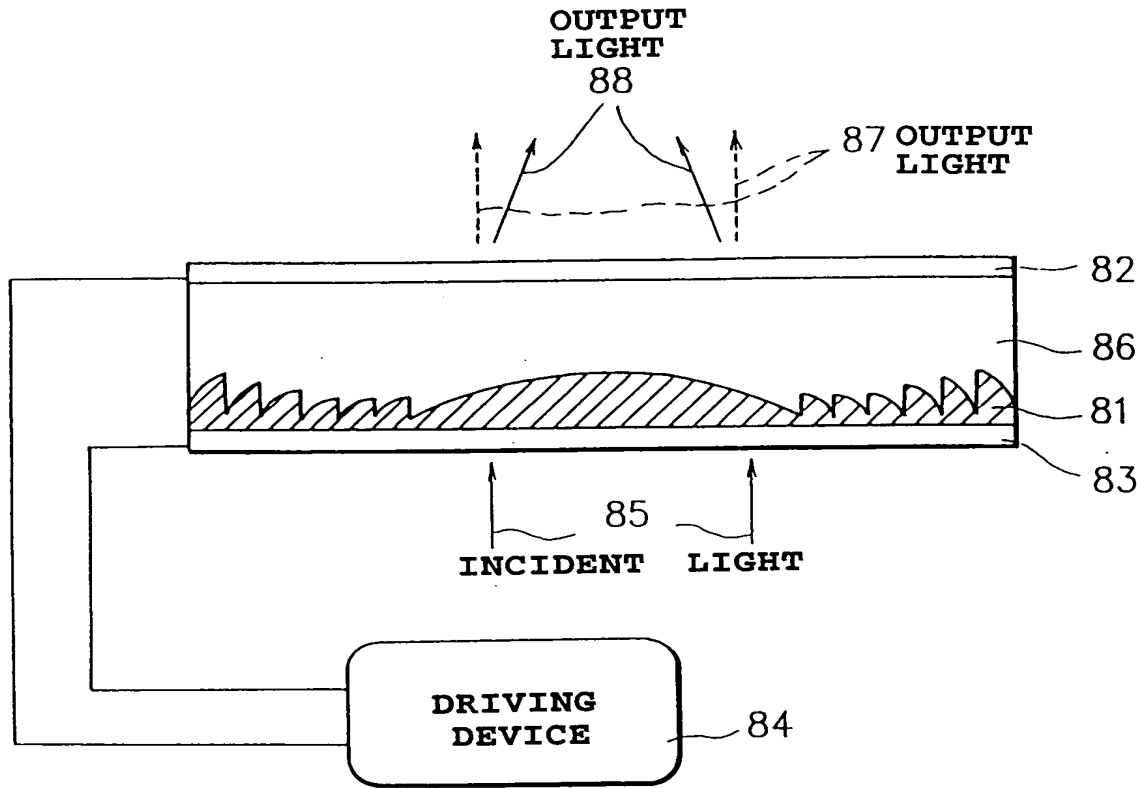
WEIGHT



(IN THE CASE OF RECTANGULAR WAVE)

**FIG.23**

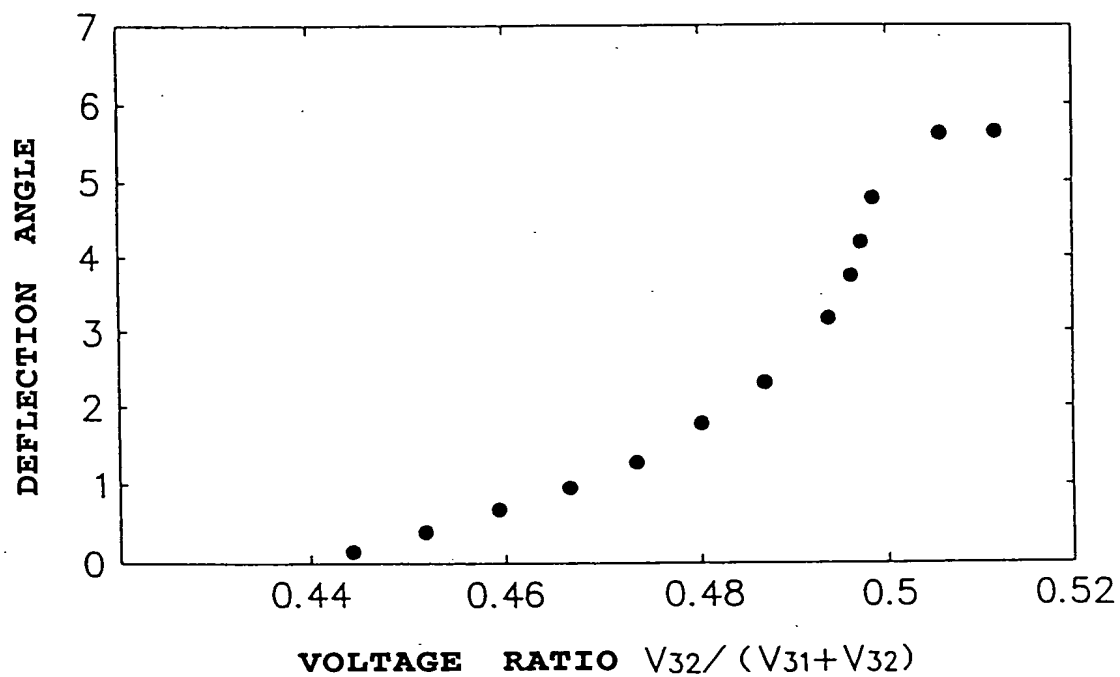
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**FIG.24**

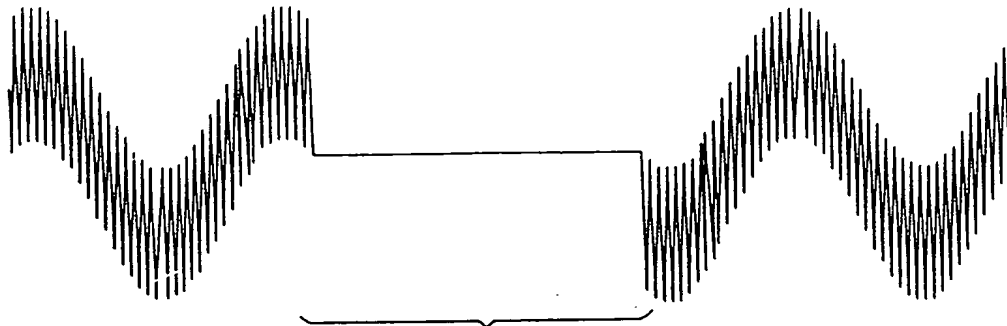


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**FIG.25**

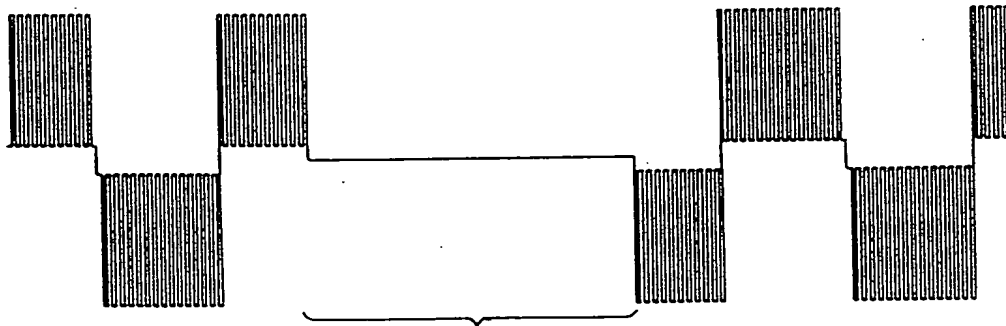
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NO VOLTAGE SUPPLY

(IN THE CASE OF SINE WAVE)

**FIG.26A**

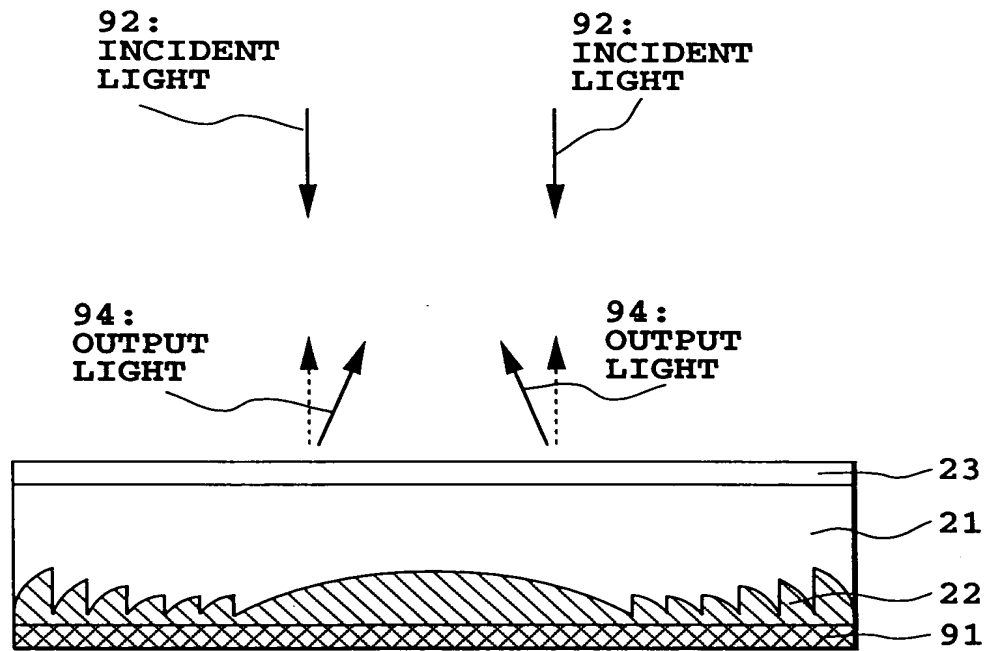


NO VOLTAGE SUPPLY

(IN THE CASE OF RECTANGULAR WAVE)

**FIG.26B**

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**FIG.27**

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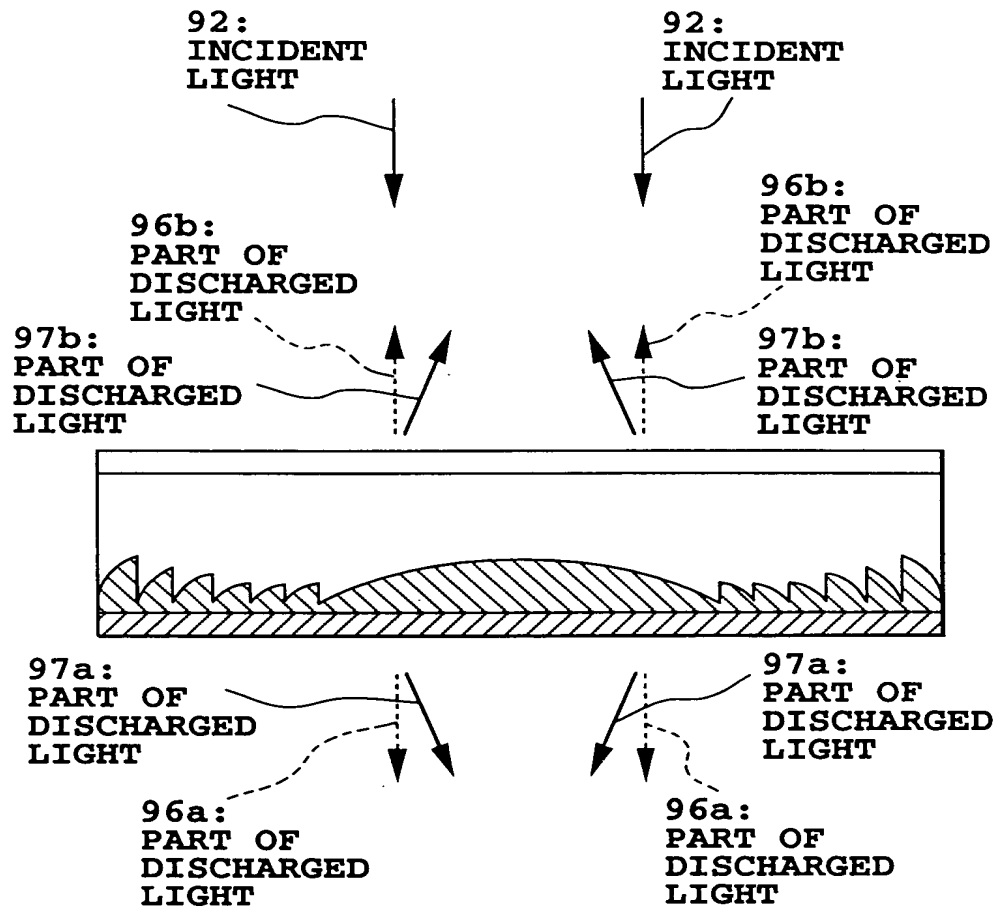
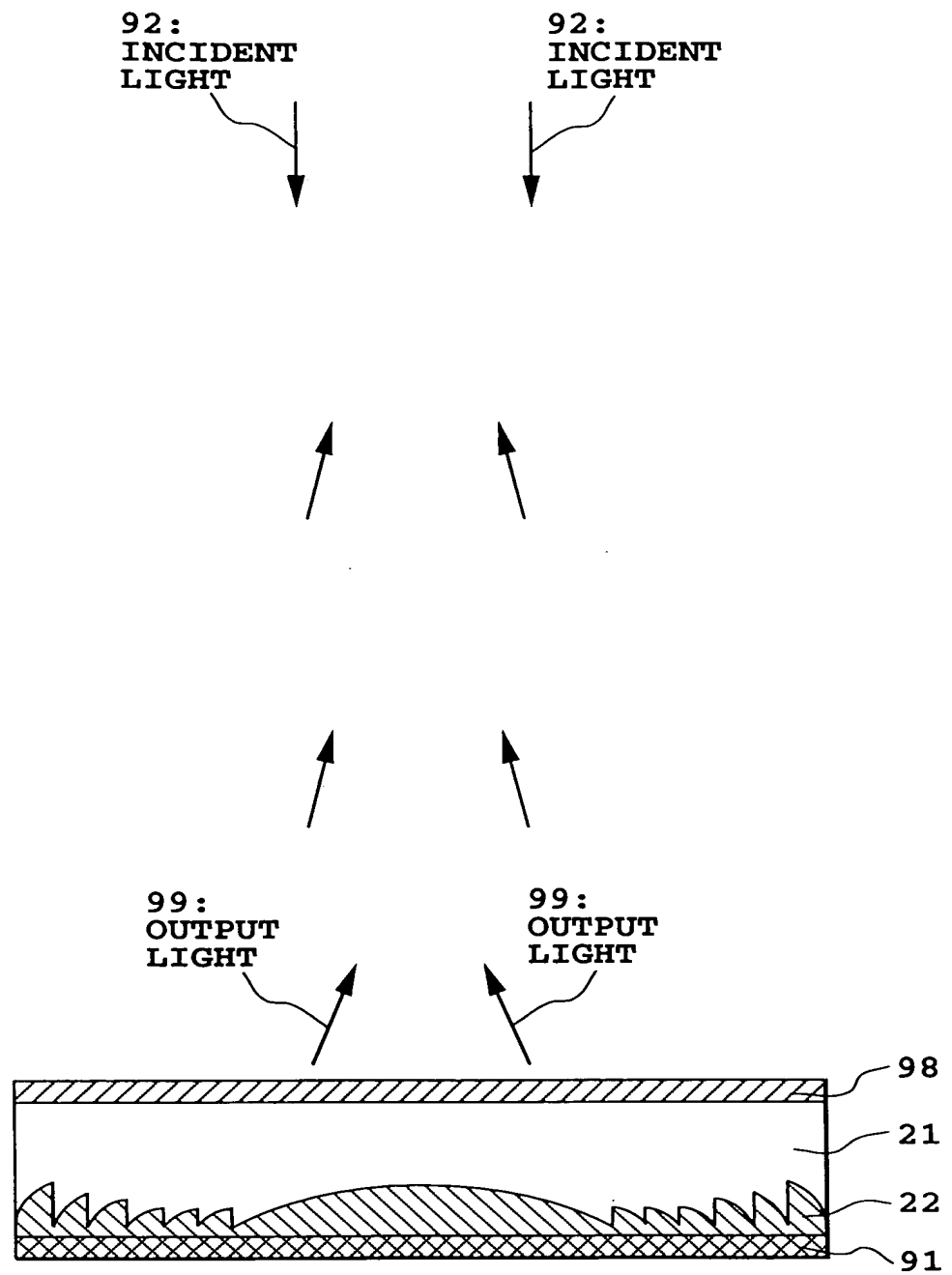


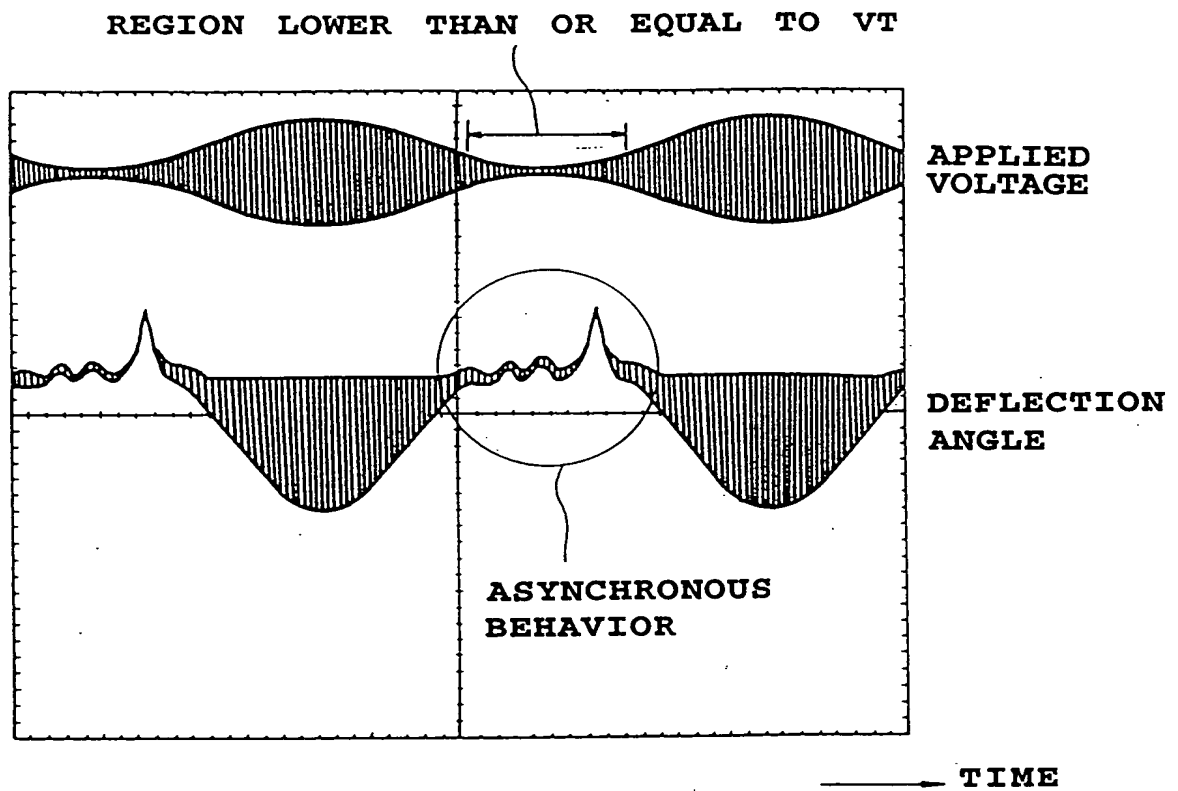
FIG.28

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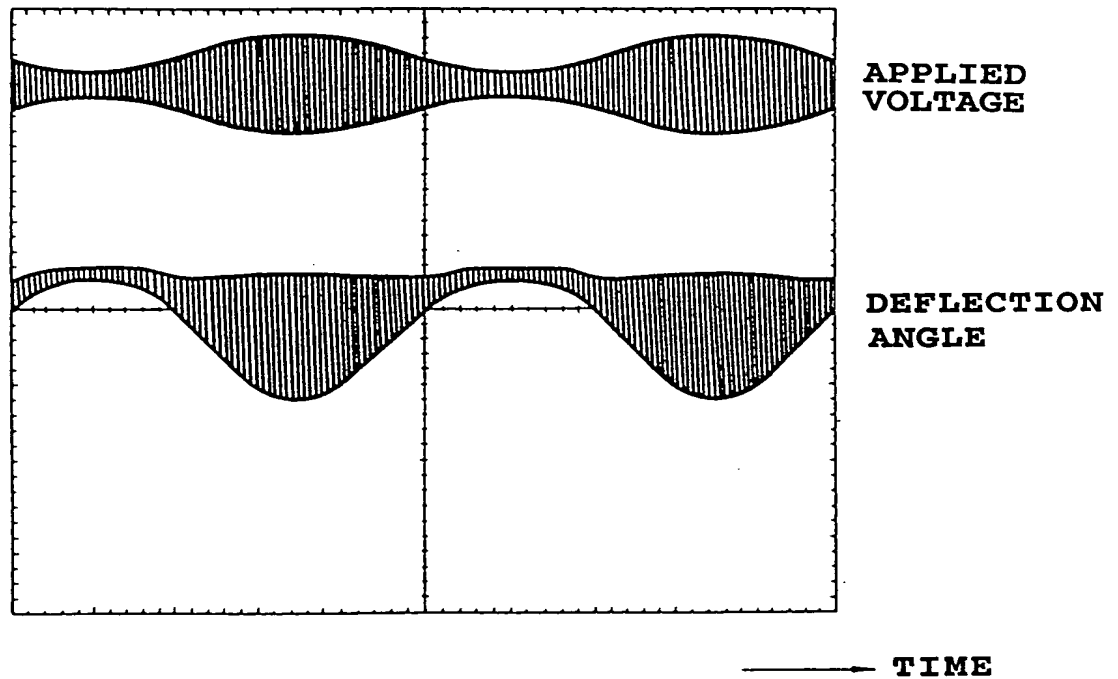
**FIG.29**

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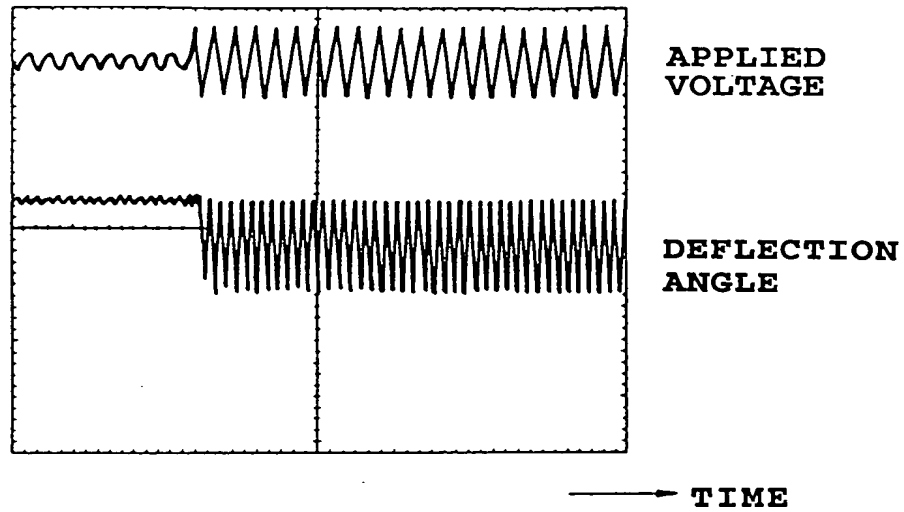
**FIG.30**

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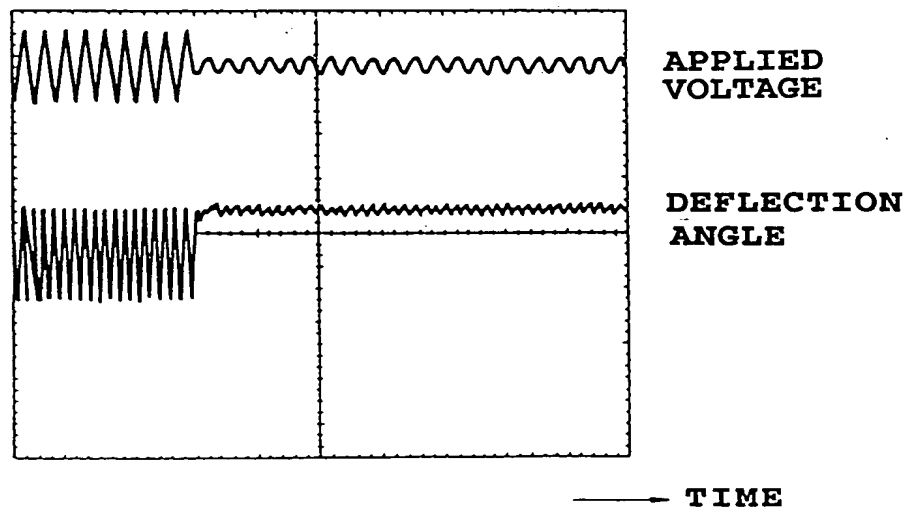


**FIG.31**

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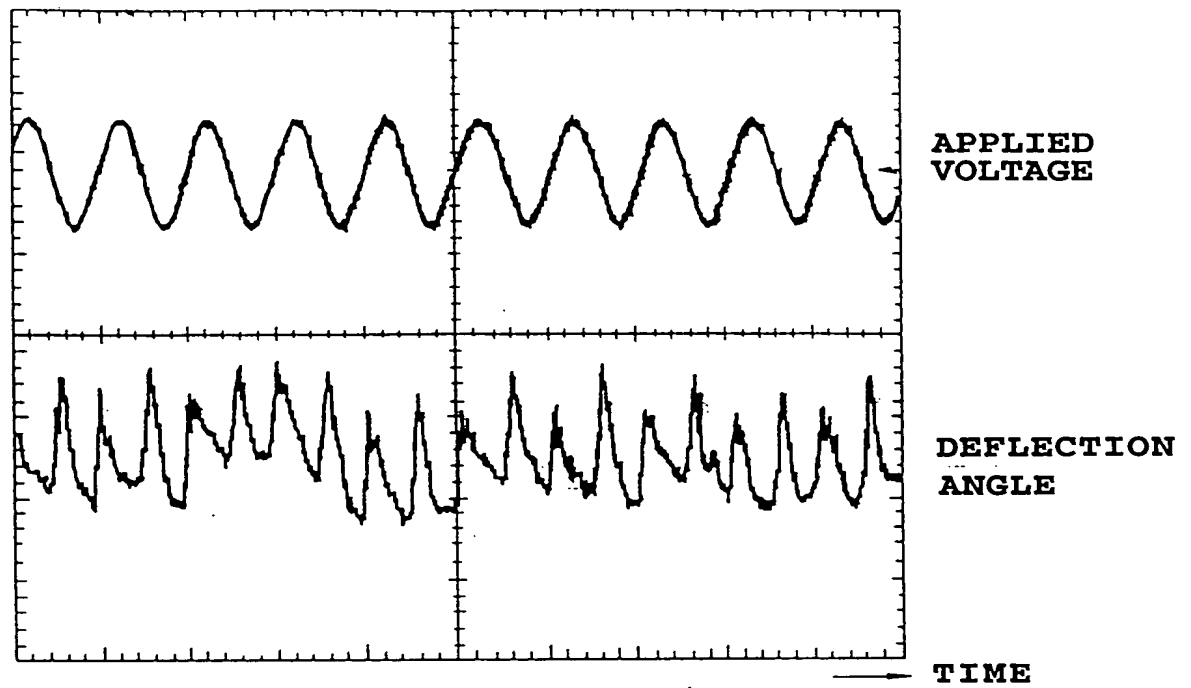
**FIG.32A**



**FIG.32B**

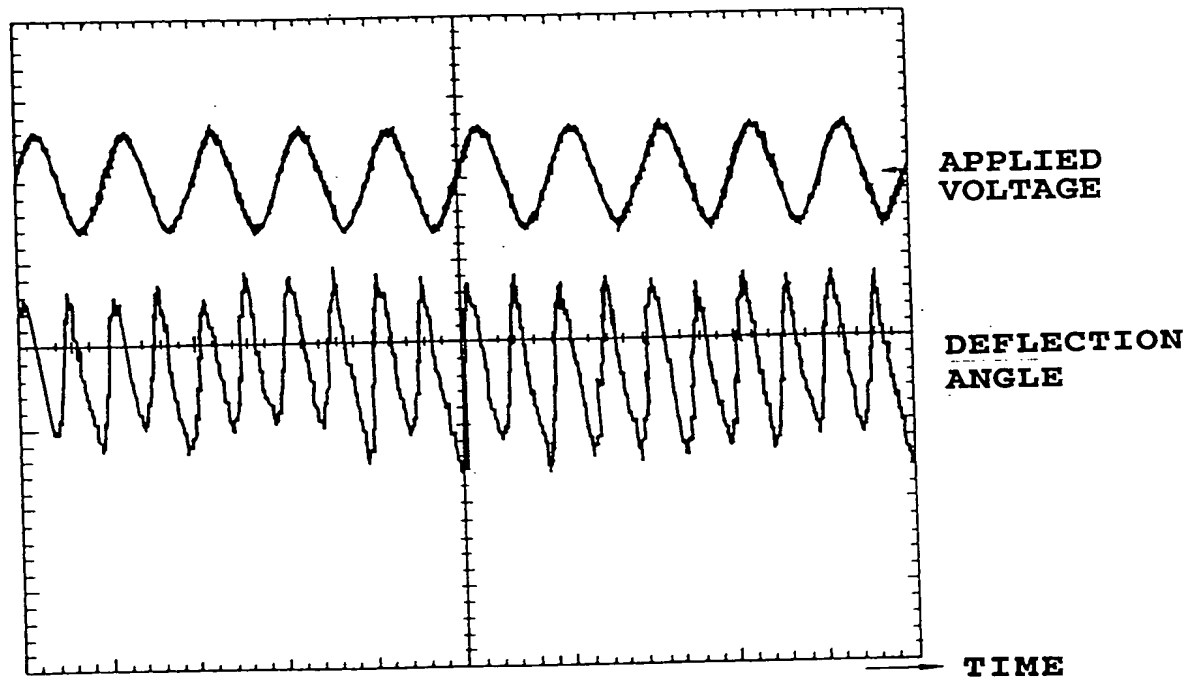


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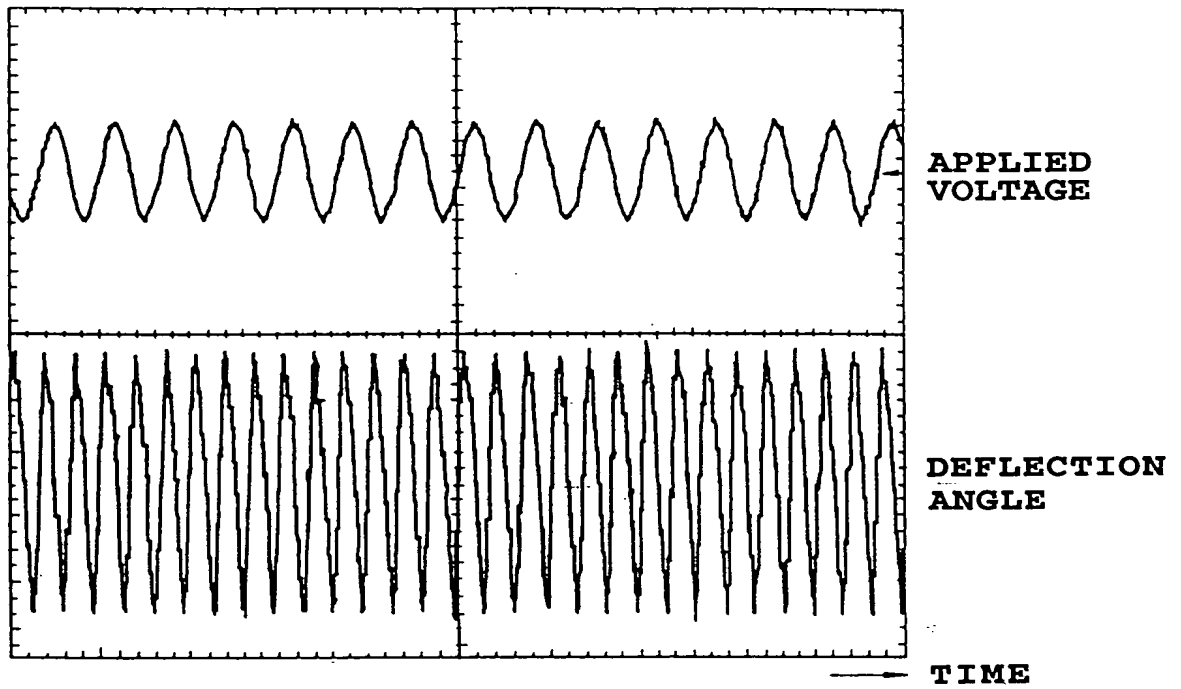
**FIG.33**

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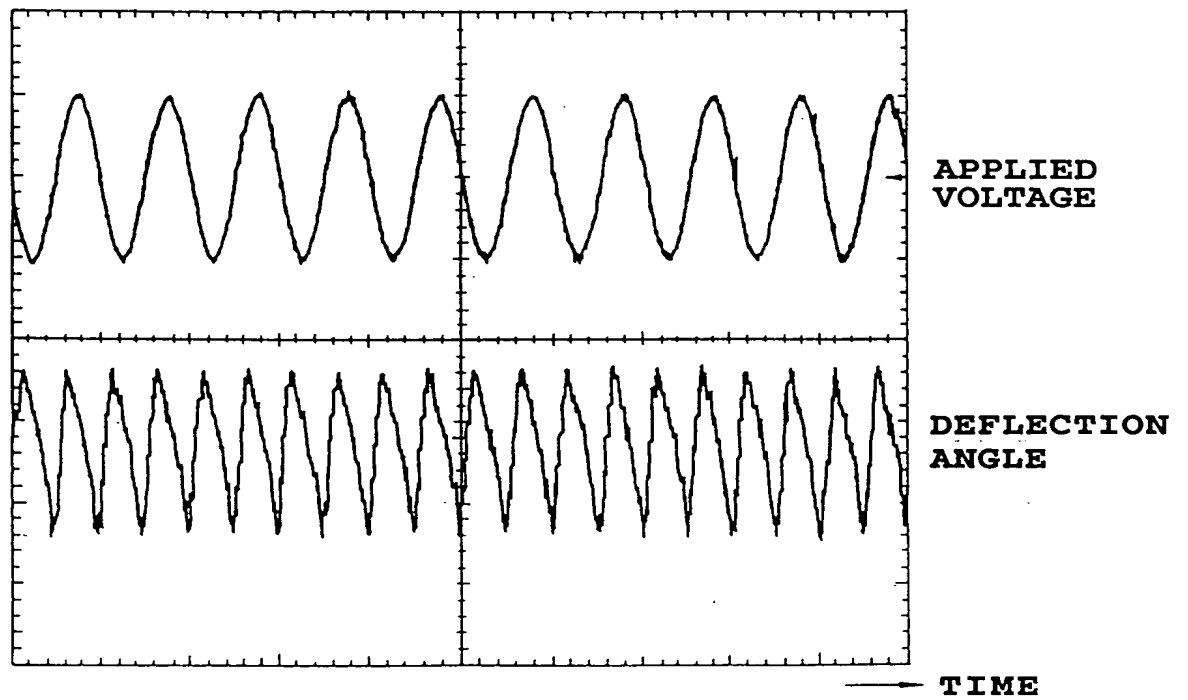
**FIG.34**

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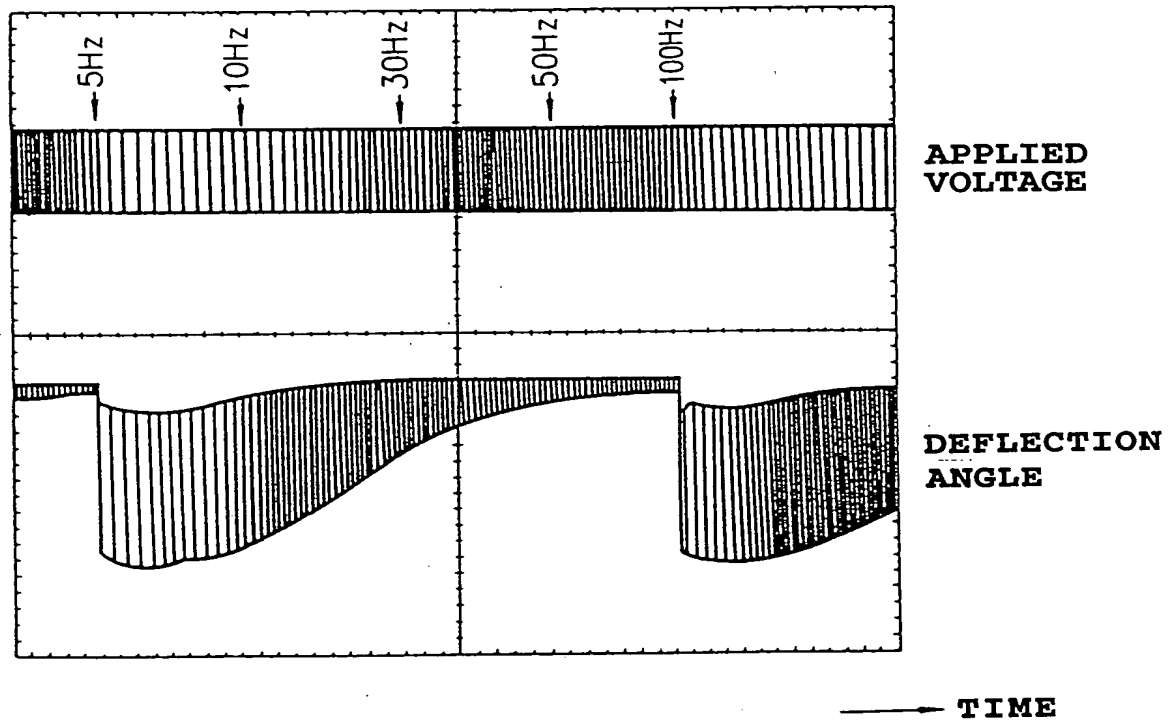
***FIG.35***

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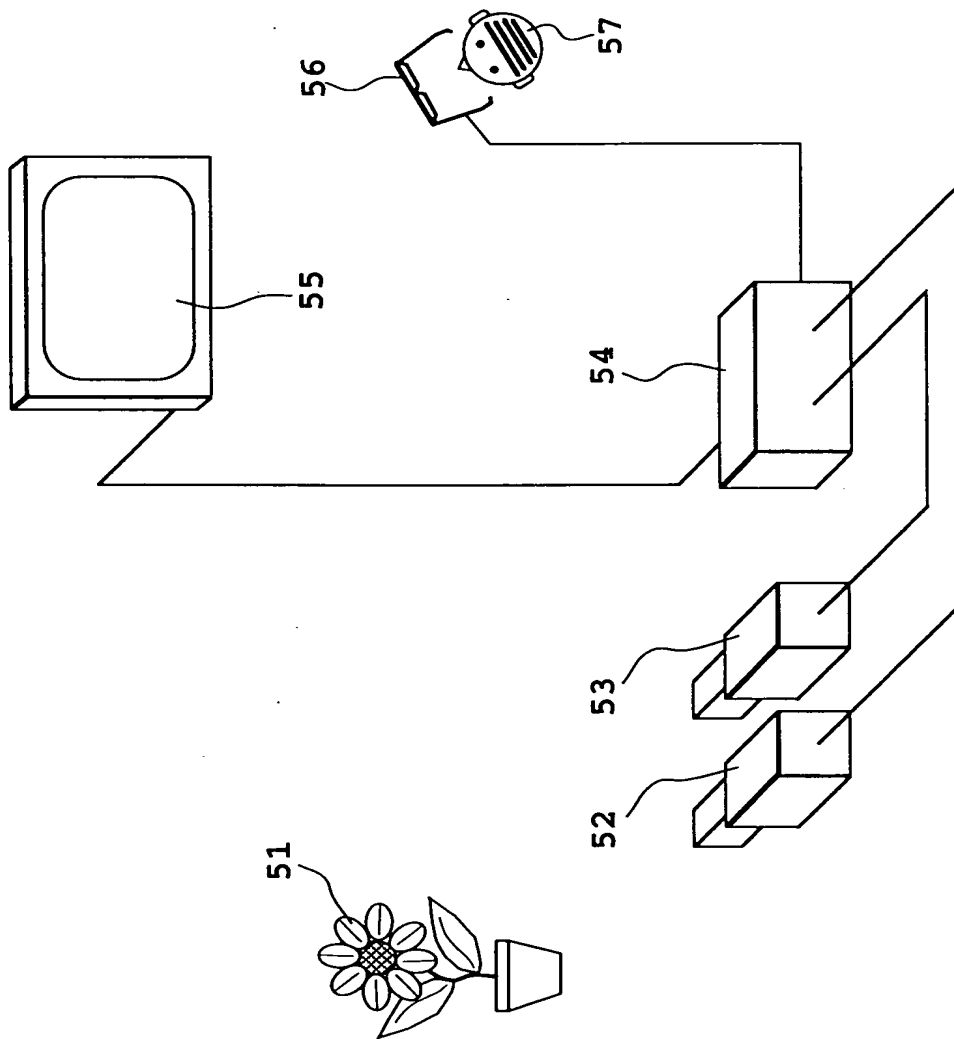
**FIG.36**

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**FIG.37**

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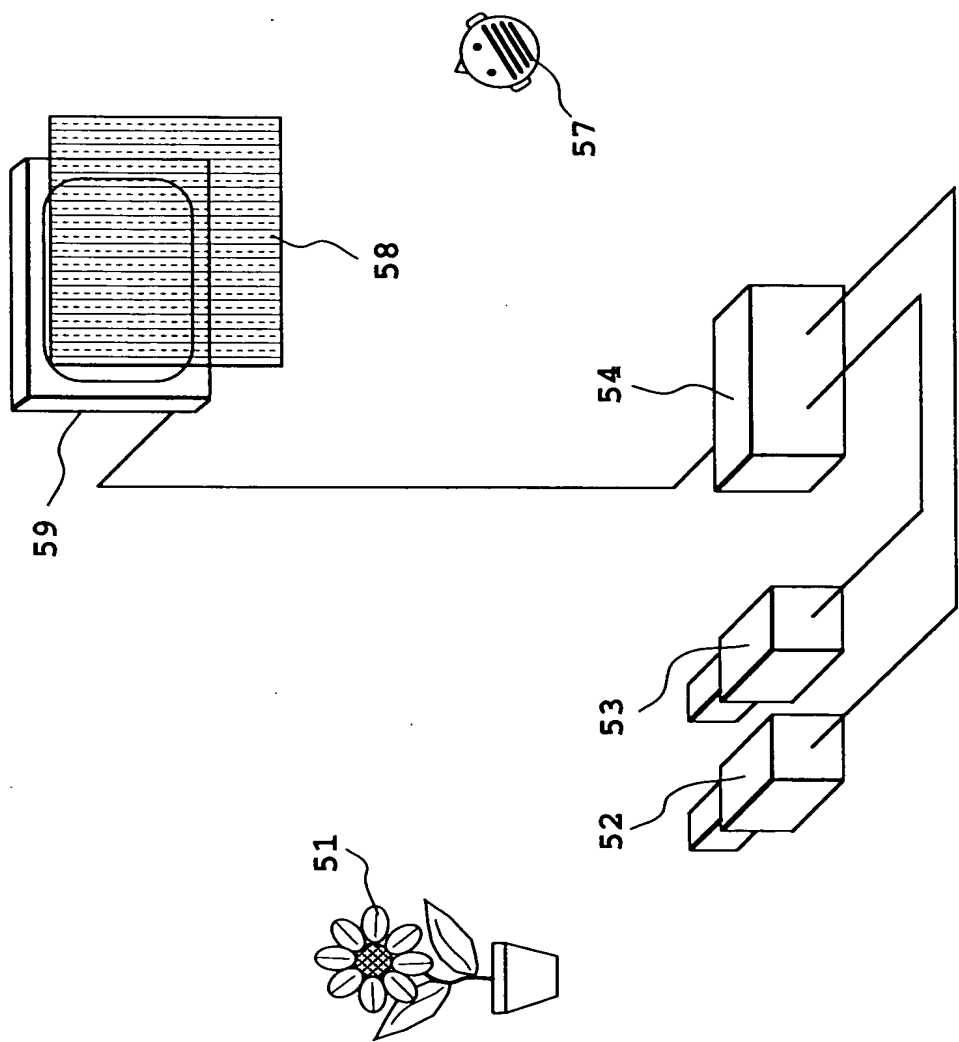
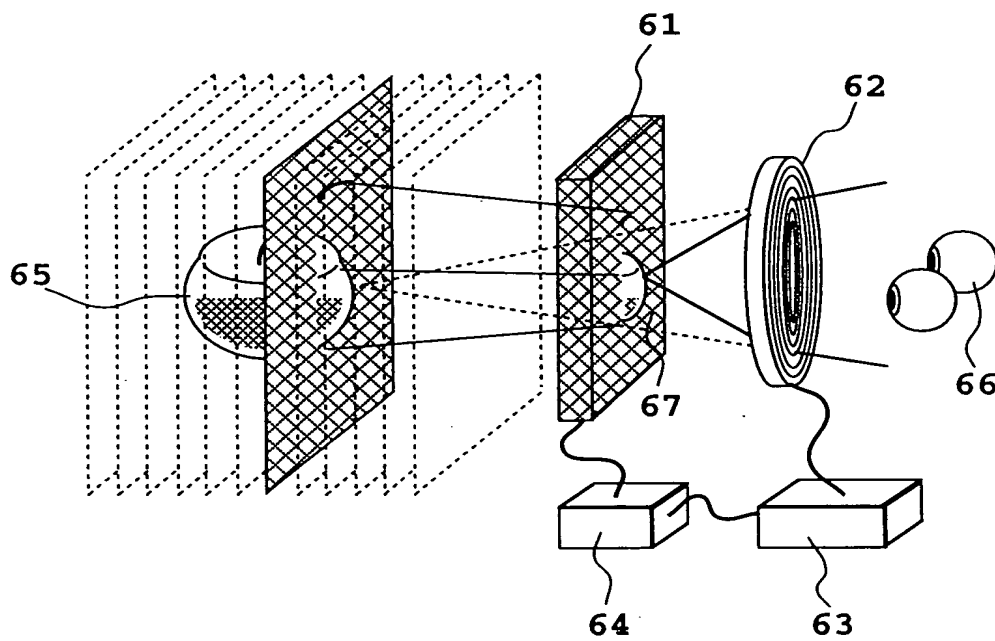


FIG. 39

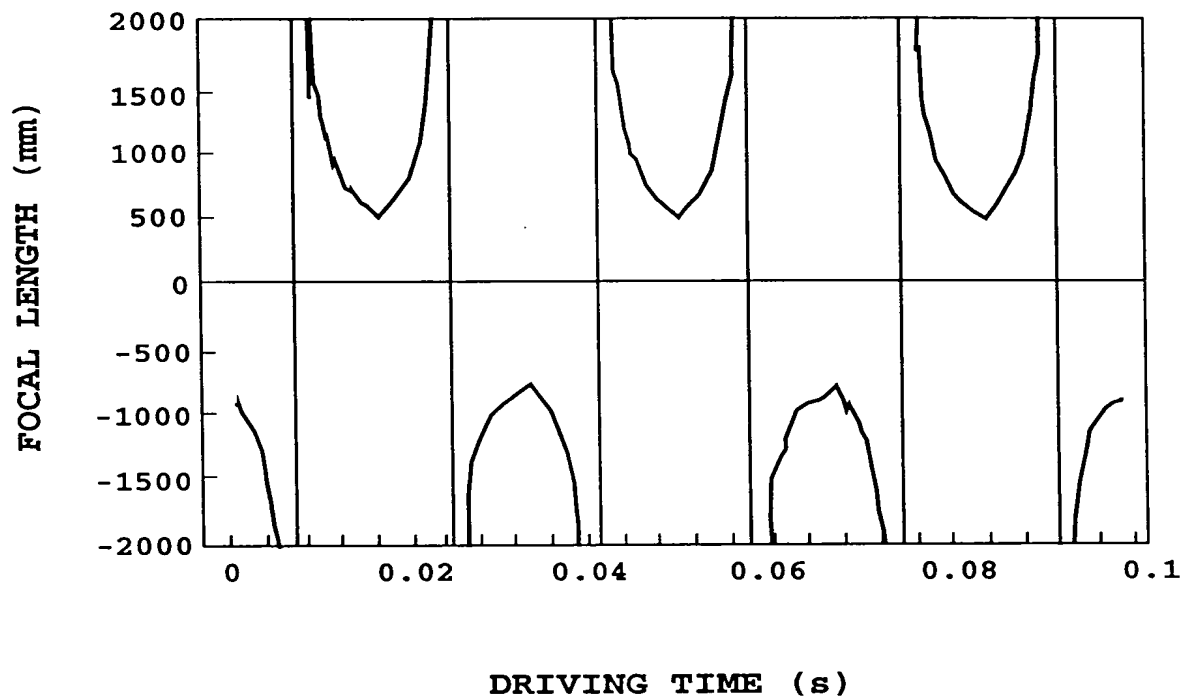
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**FIG. 40**

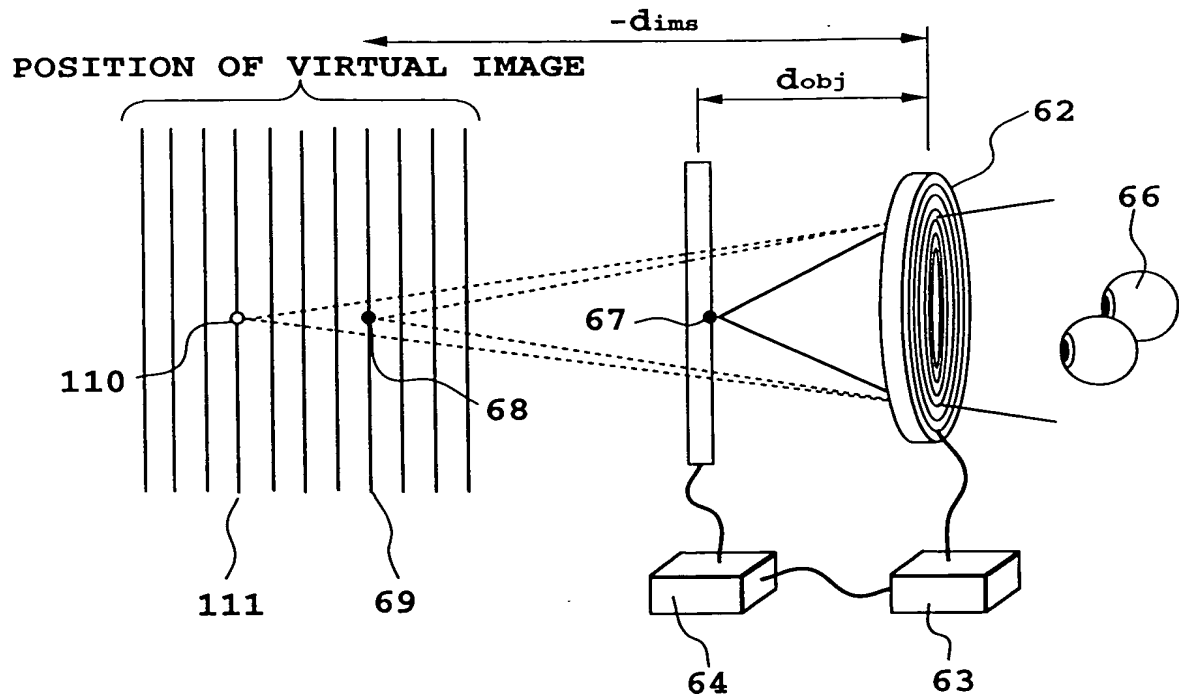


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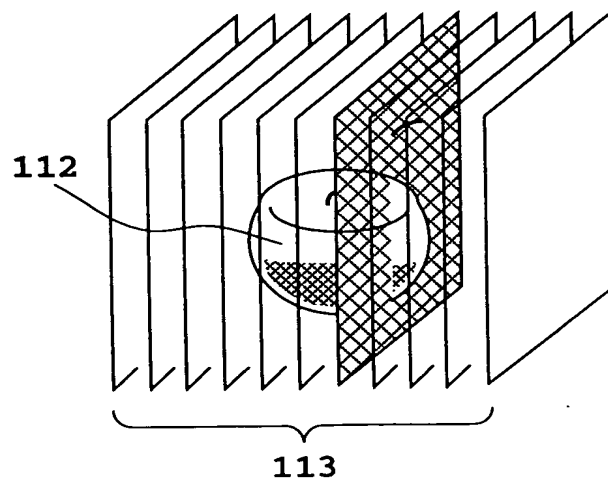


**FIG.41**

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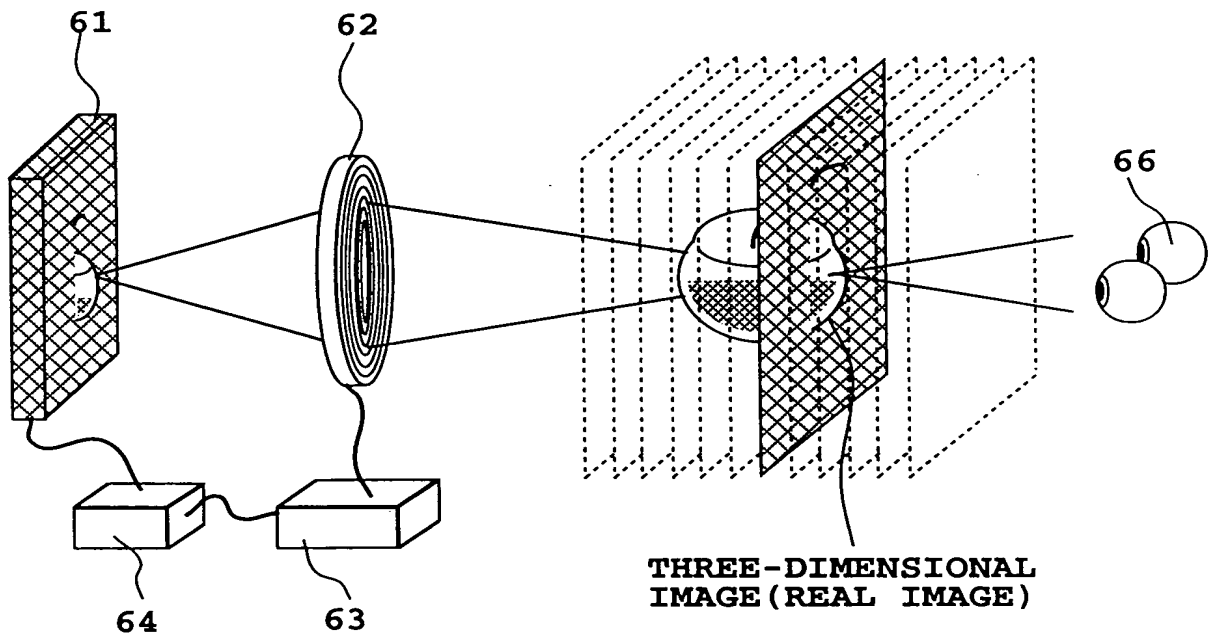


**FIG. 42A**



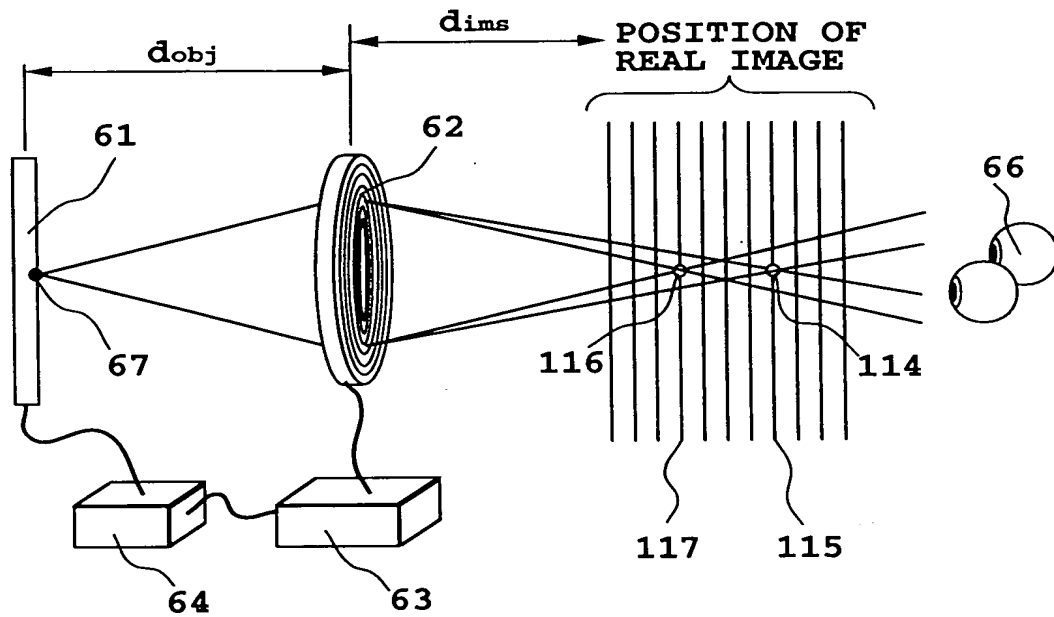
**FIG. 42B**

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**FIG.43**

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**FIG.44**

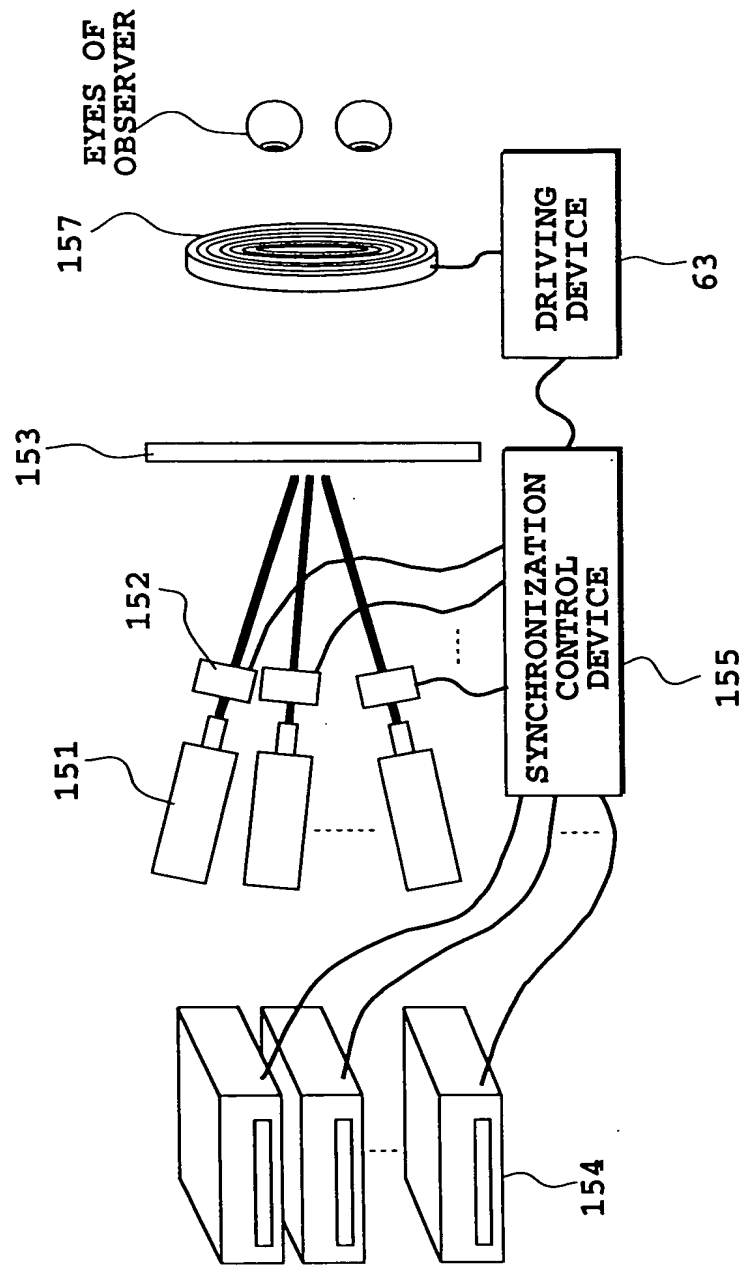
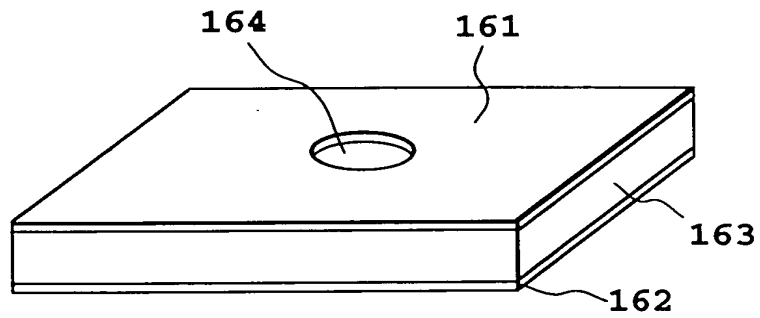


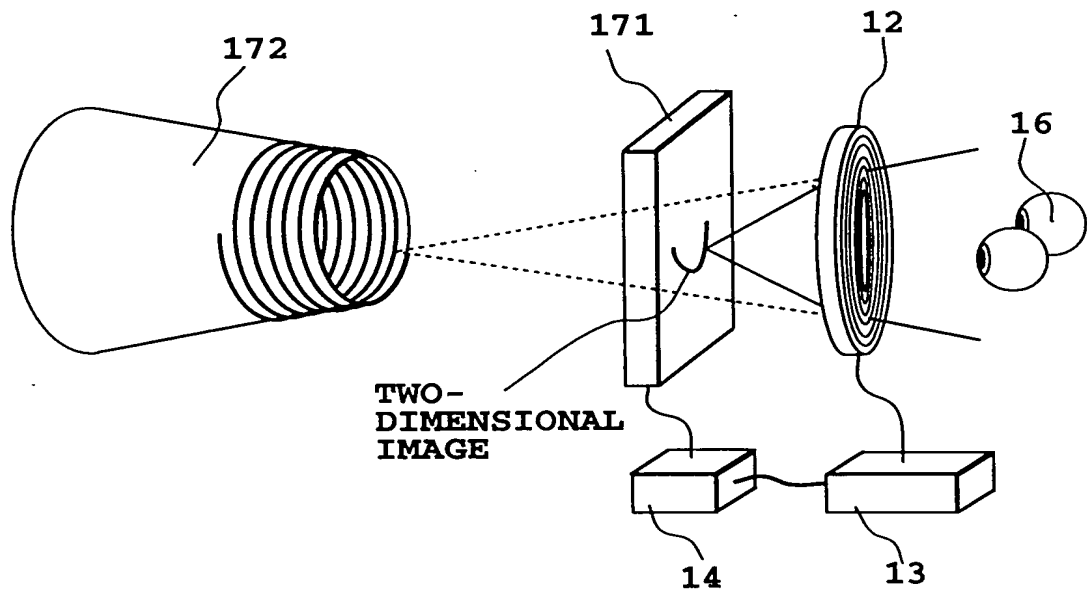
FIG.45

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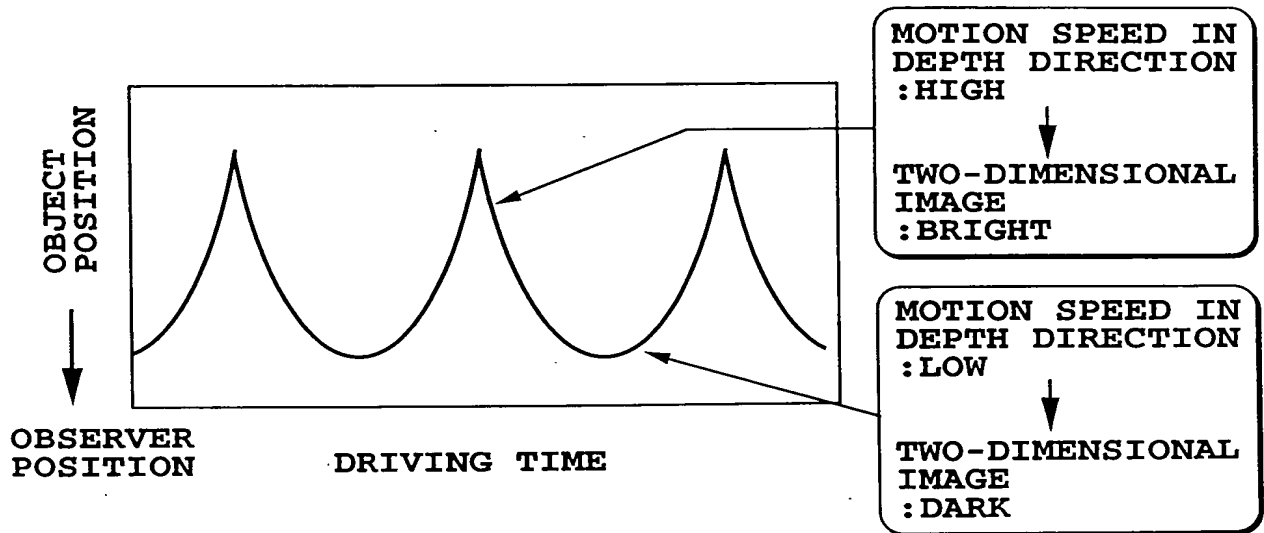
**FIG. 46**

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**FIG.47**

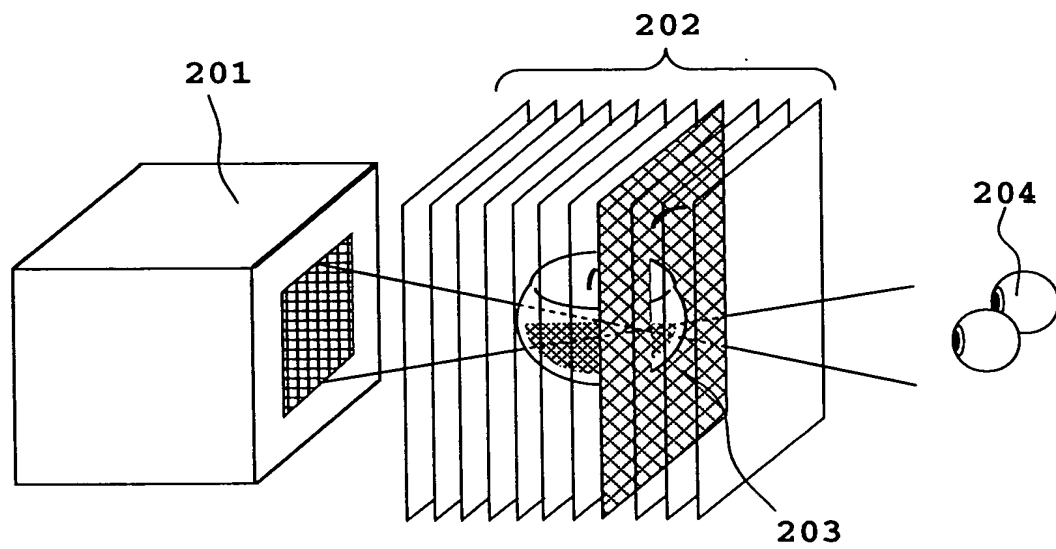
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**FIG.48**

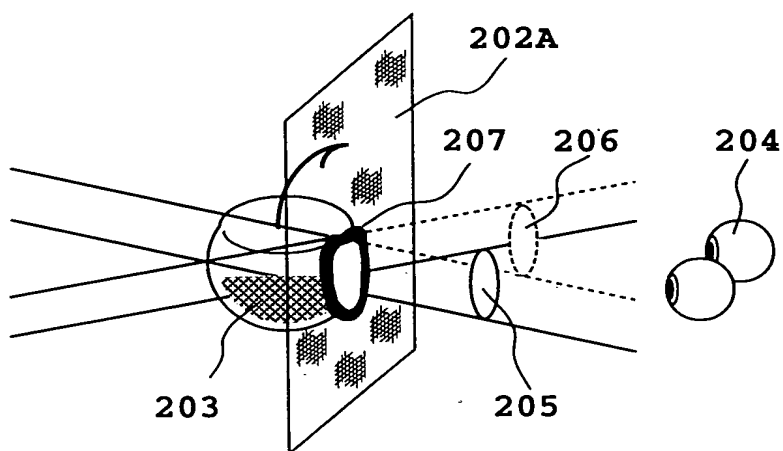


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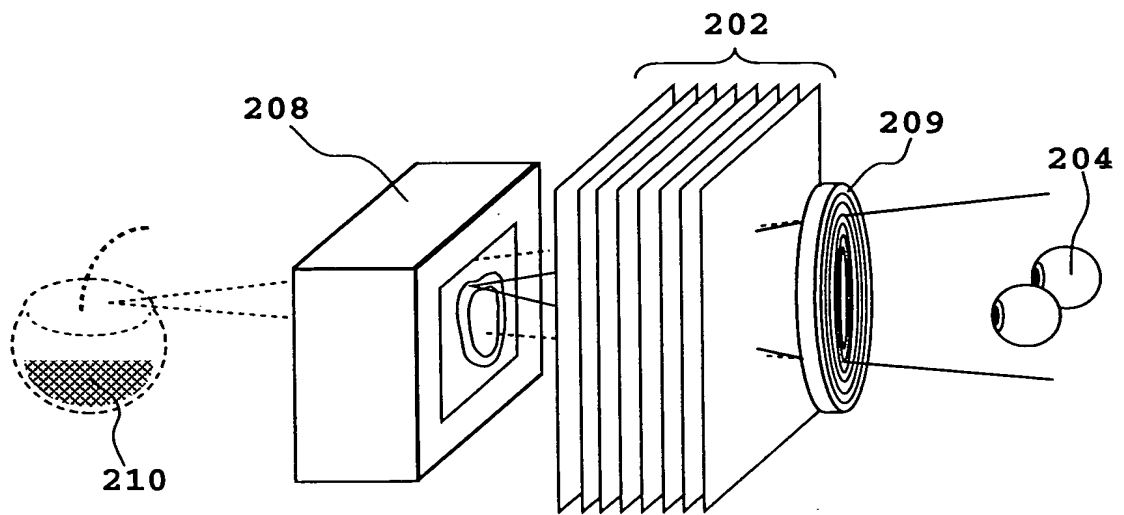
**FIG. 49**

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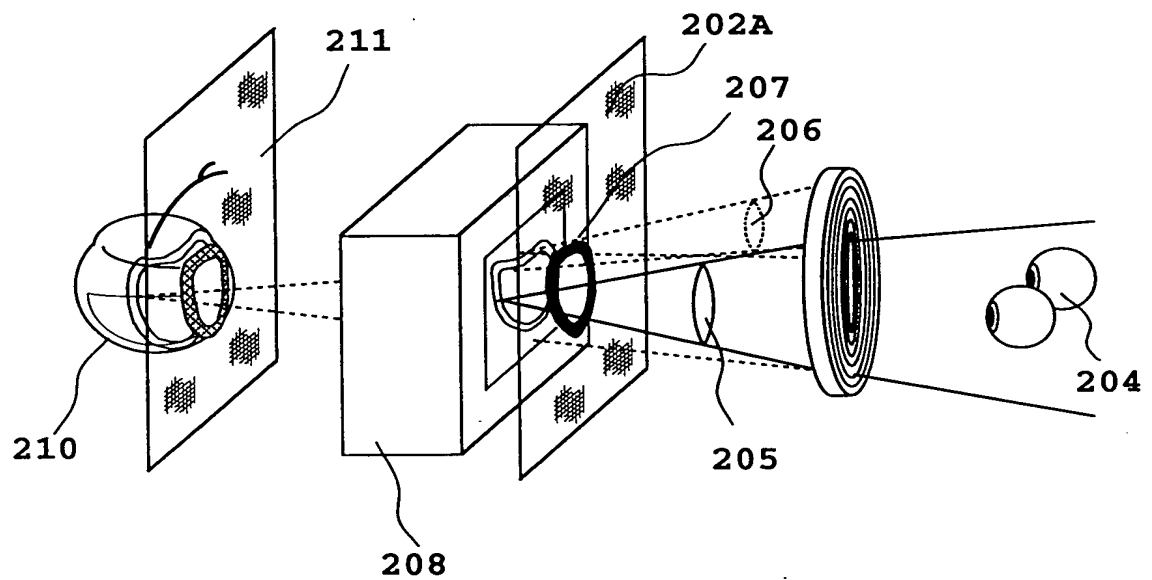
**FIG. 50**

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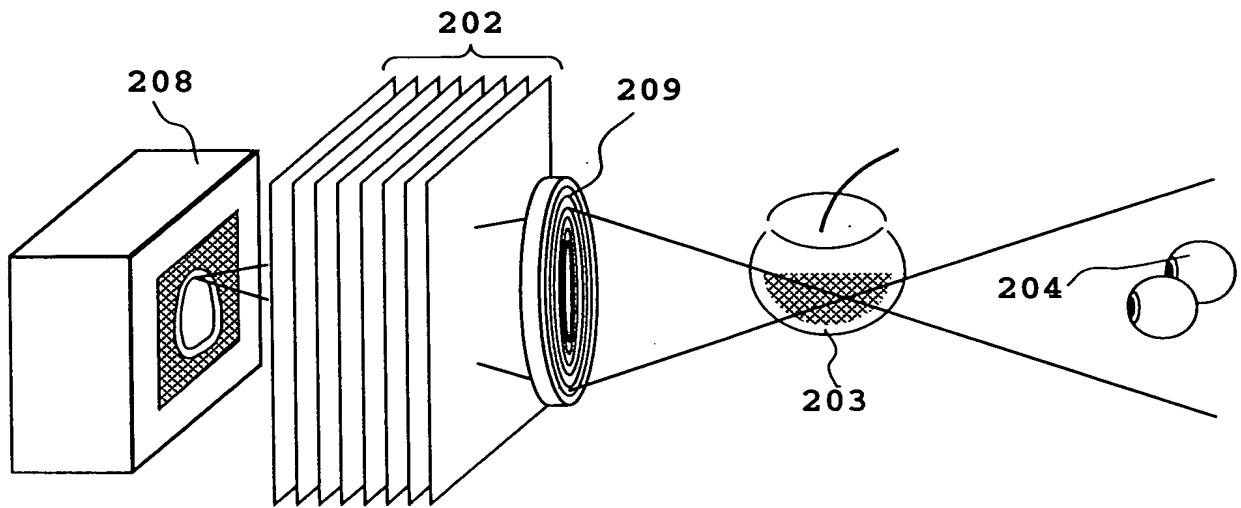
**FIG. 51**

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**FIG. 52**

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*FIG. 53*

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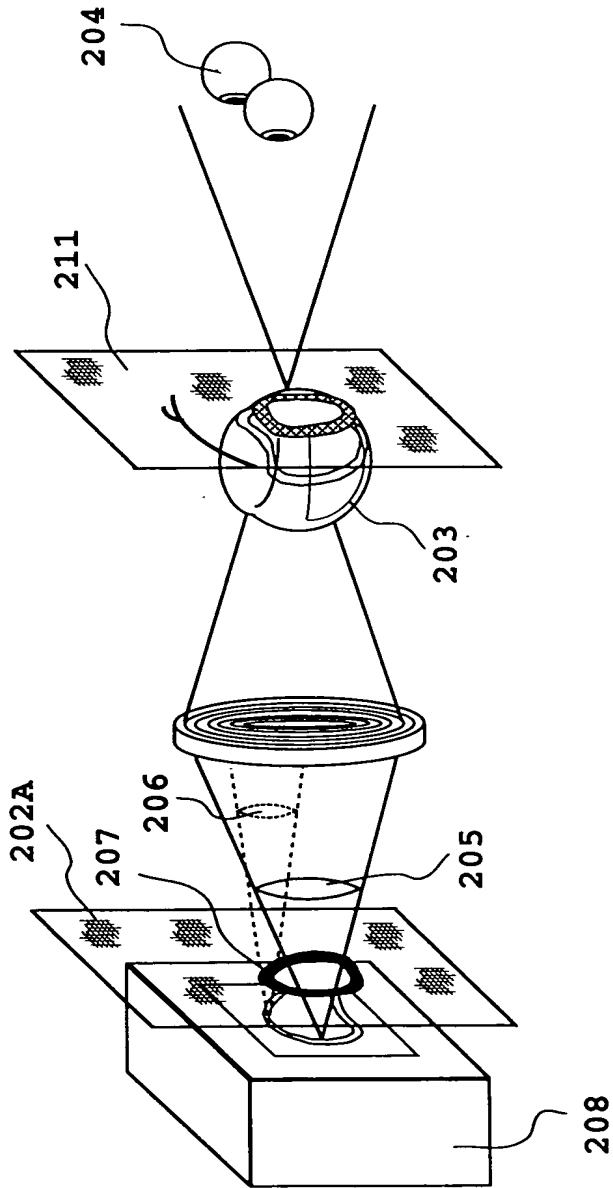
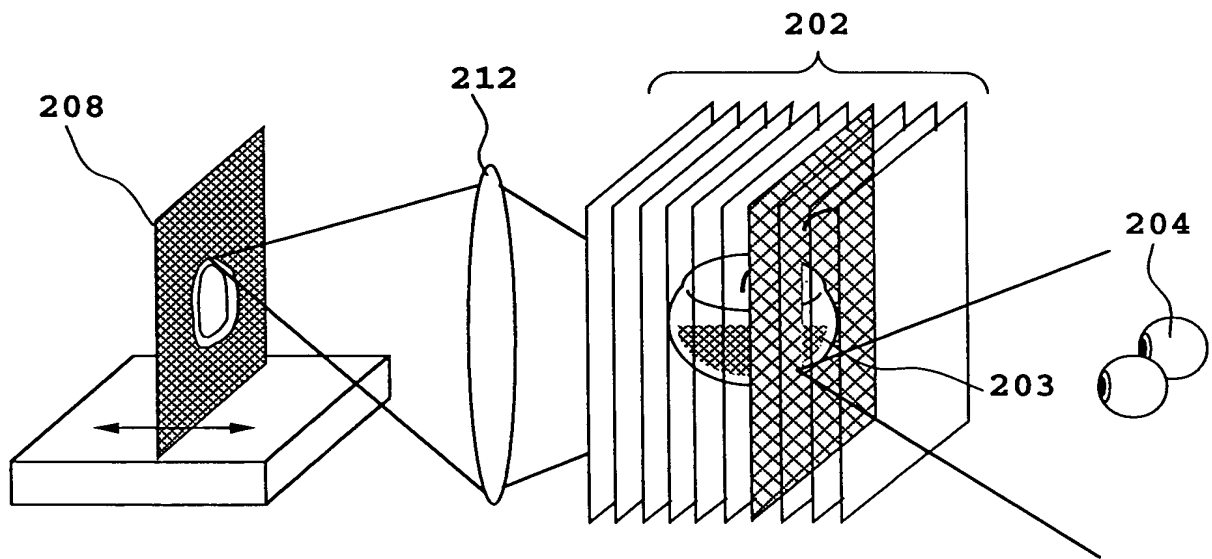
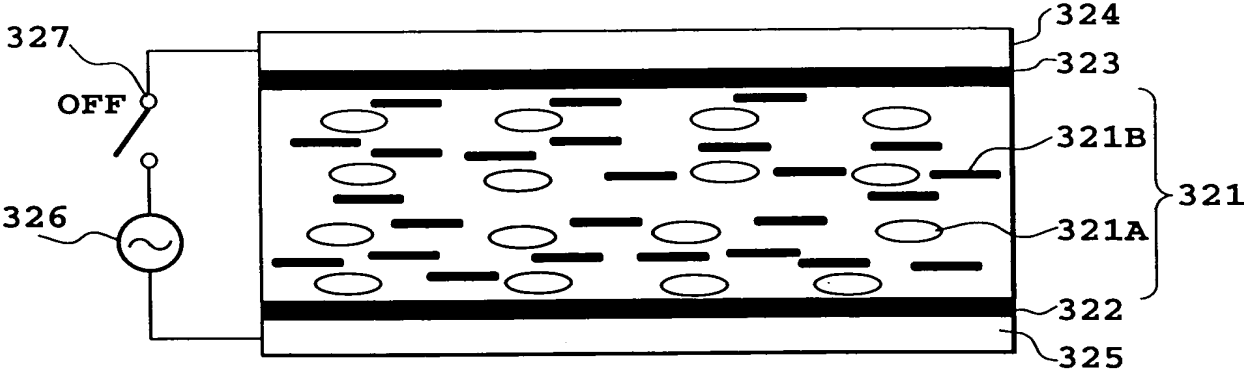


FIG. 54

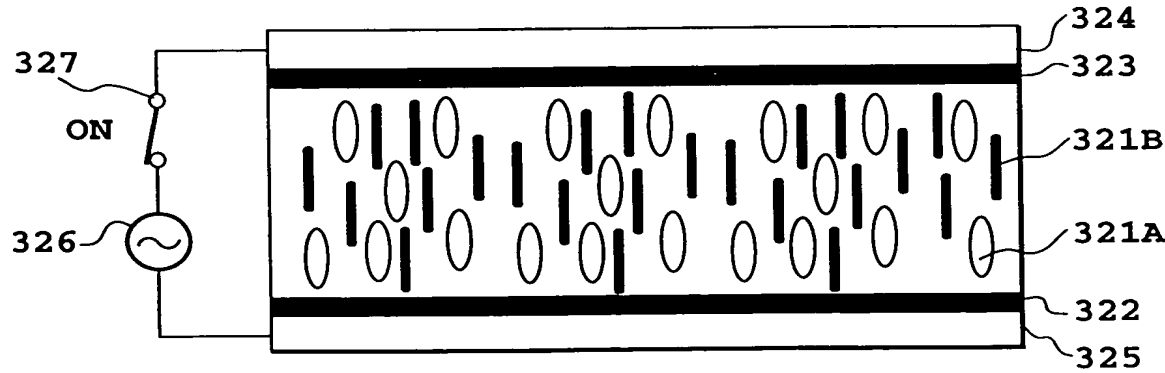
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**FIG. 55**



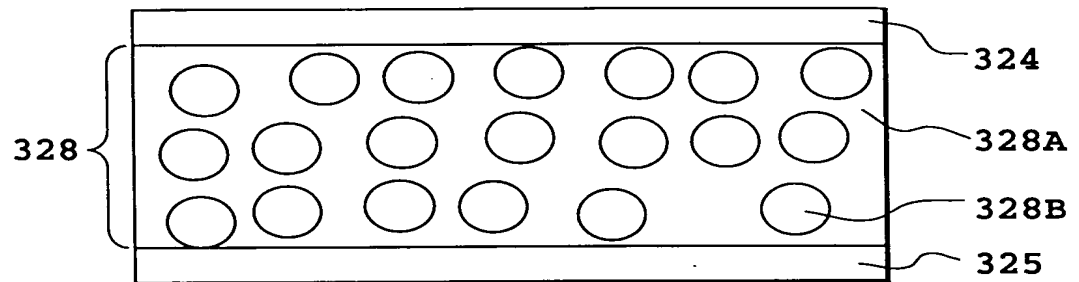
*FIG.56A*



*FIG.56B*

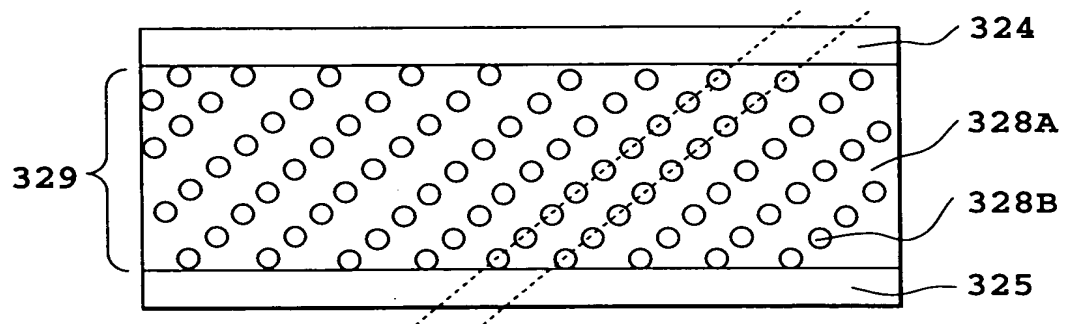


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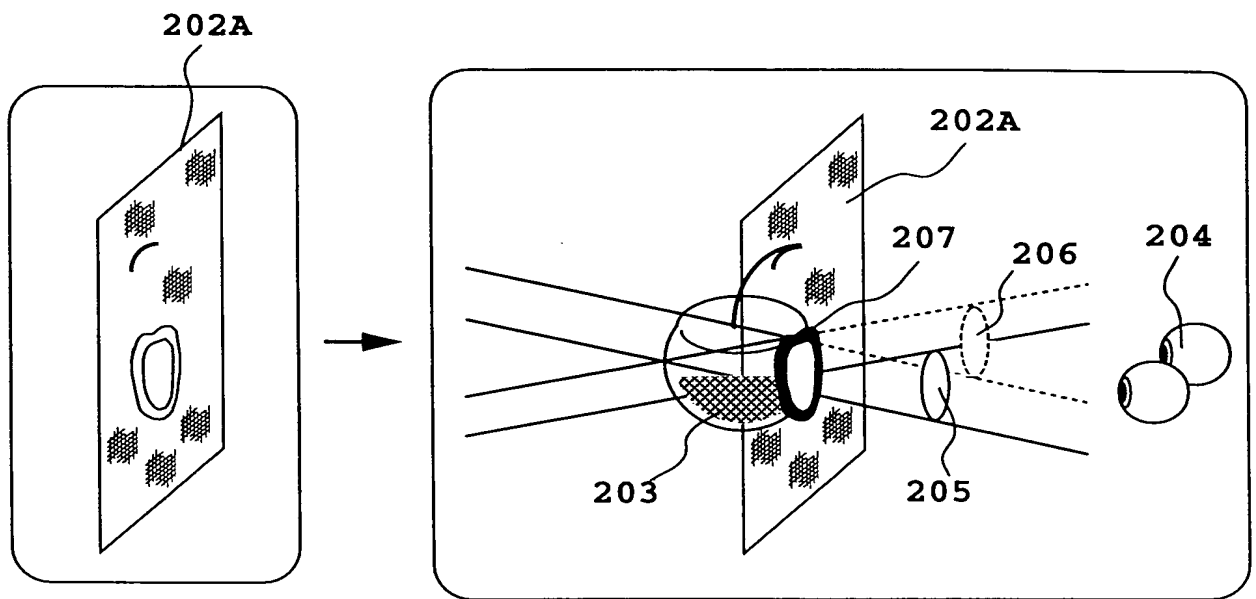
**FIG.57**

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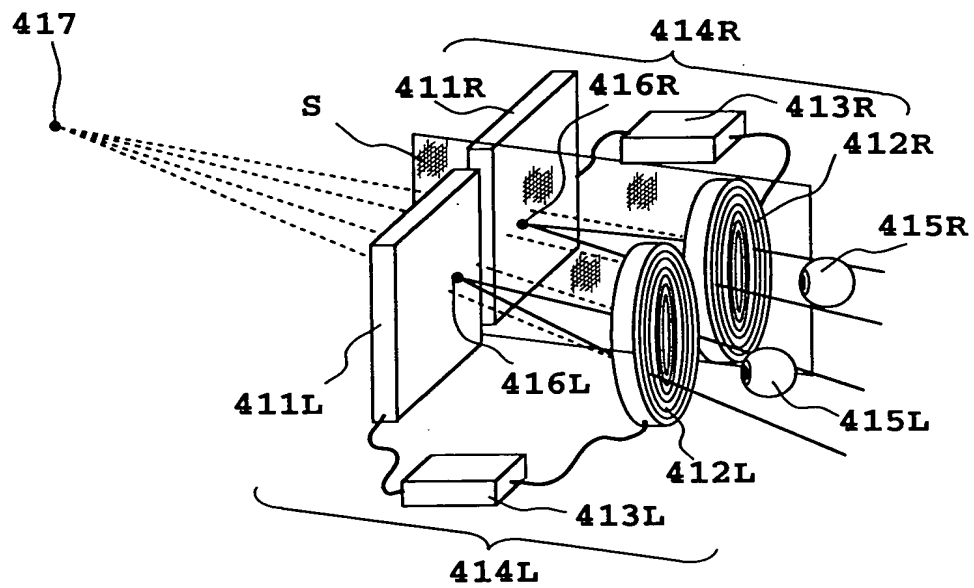
**FIG.58**

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**FIG. 59**

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**FIG. 60**

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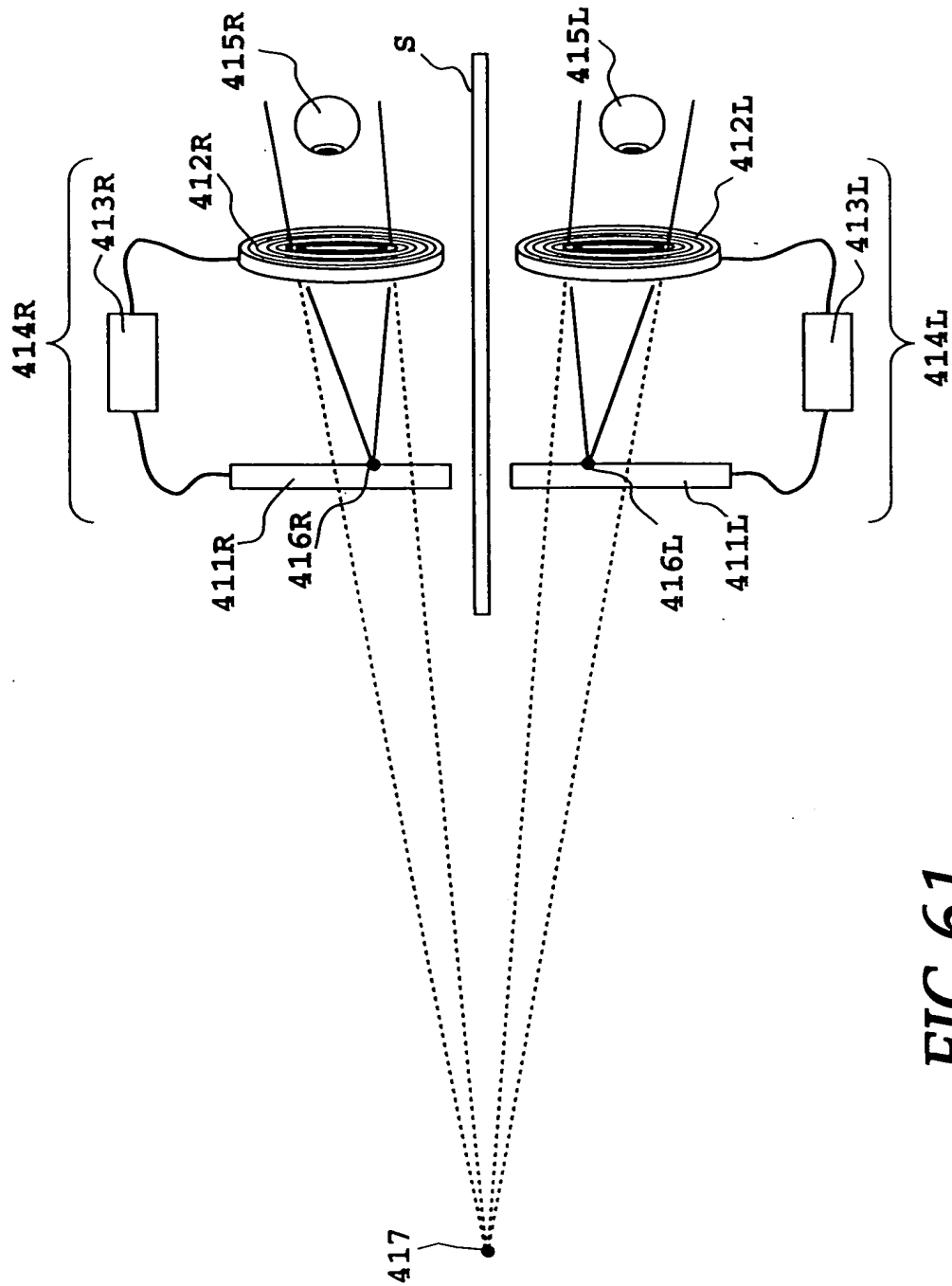
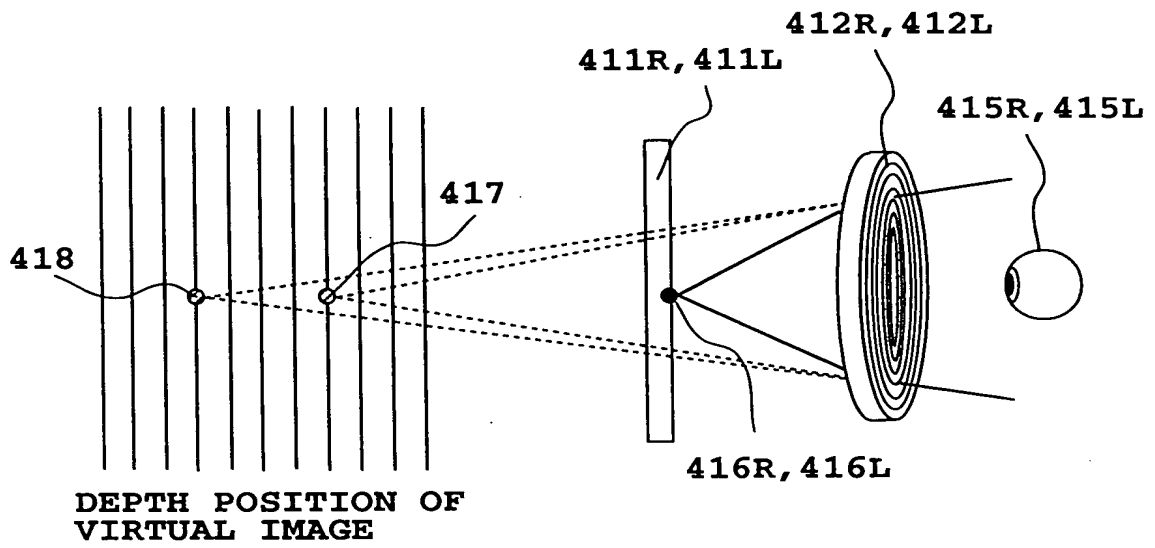


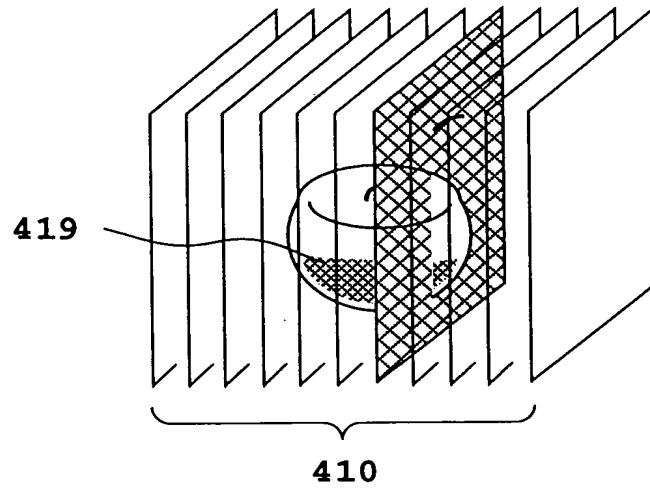
FIG.61

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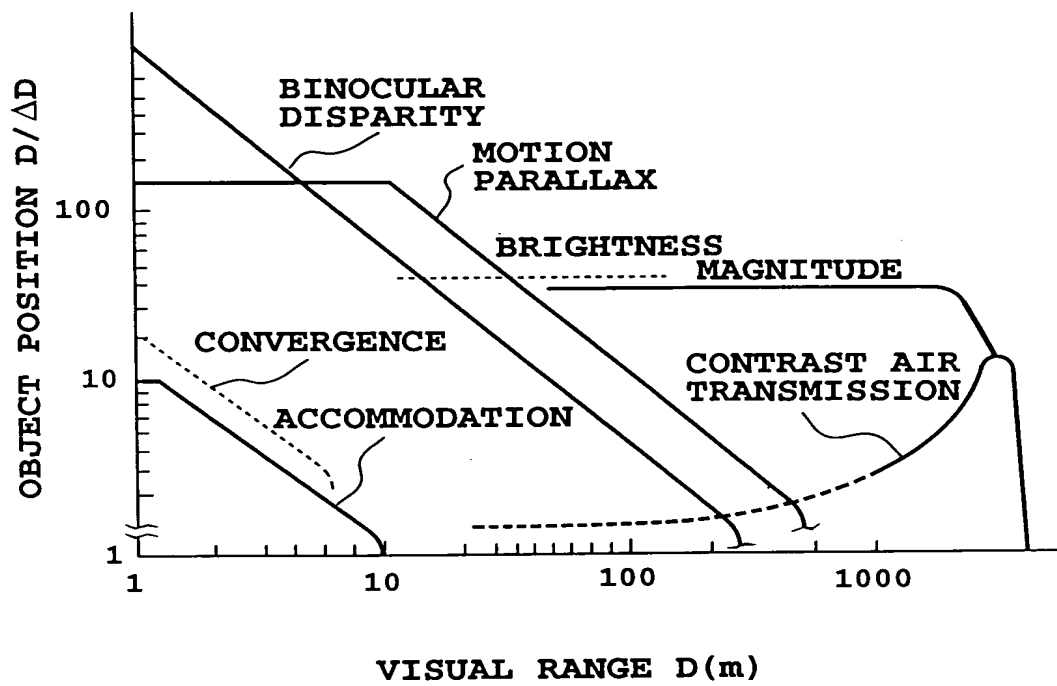
**FIG. 62**

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**FIG. 63**

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**FIG.64**



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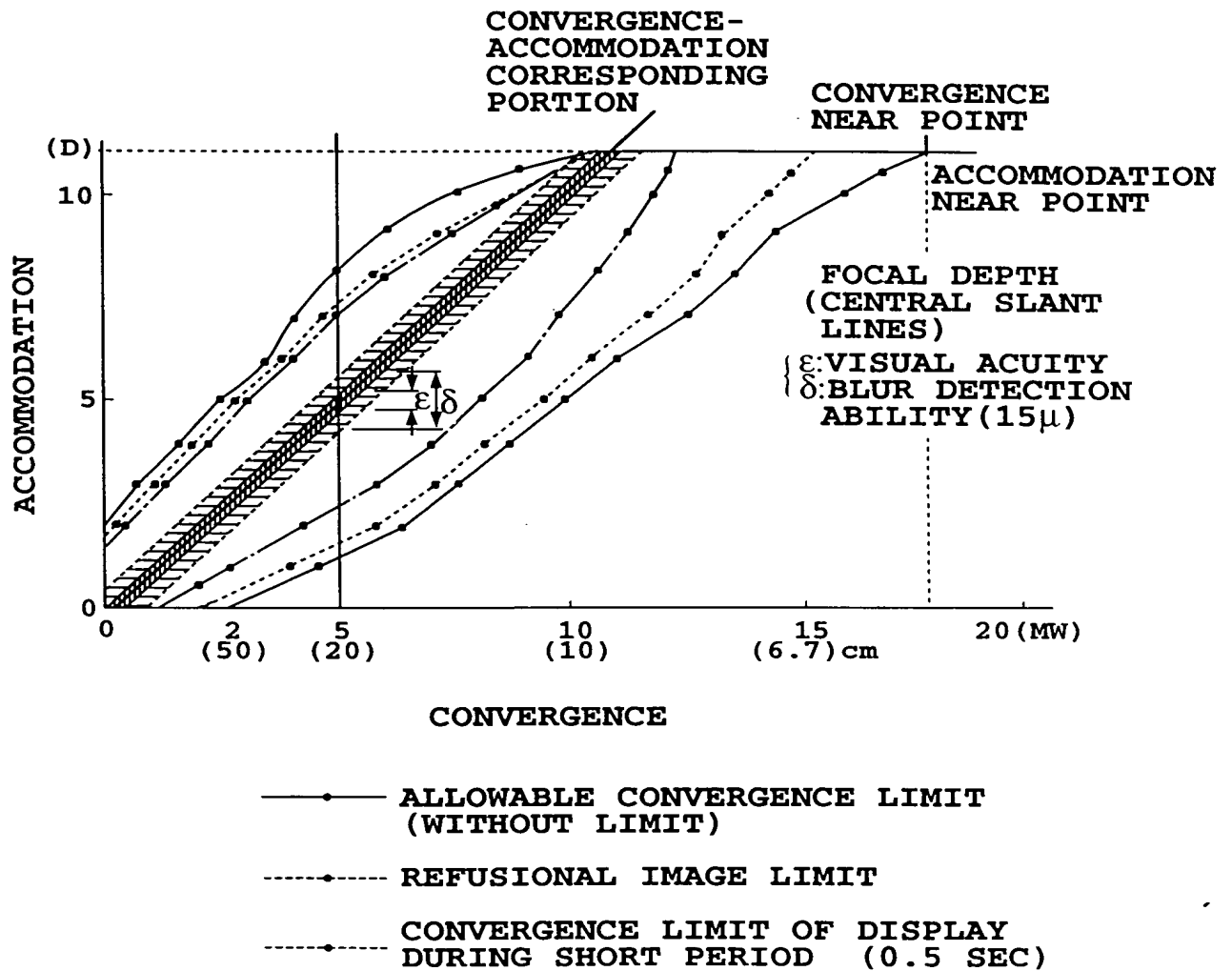


FIG.65

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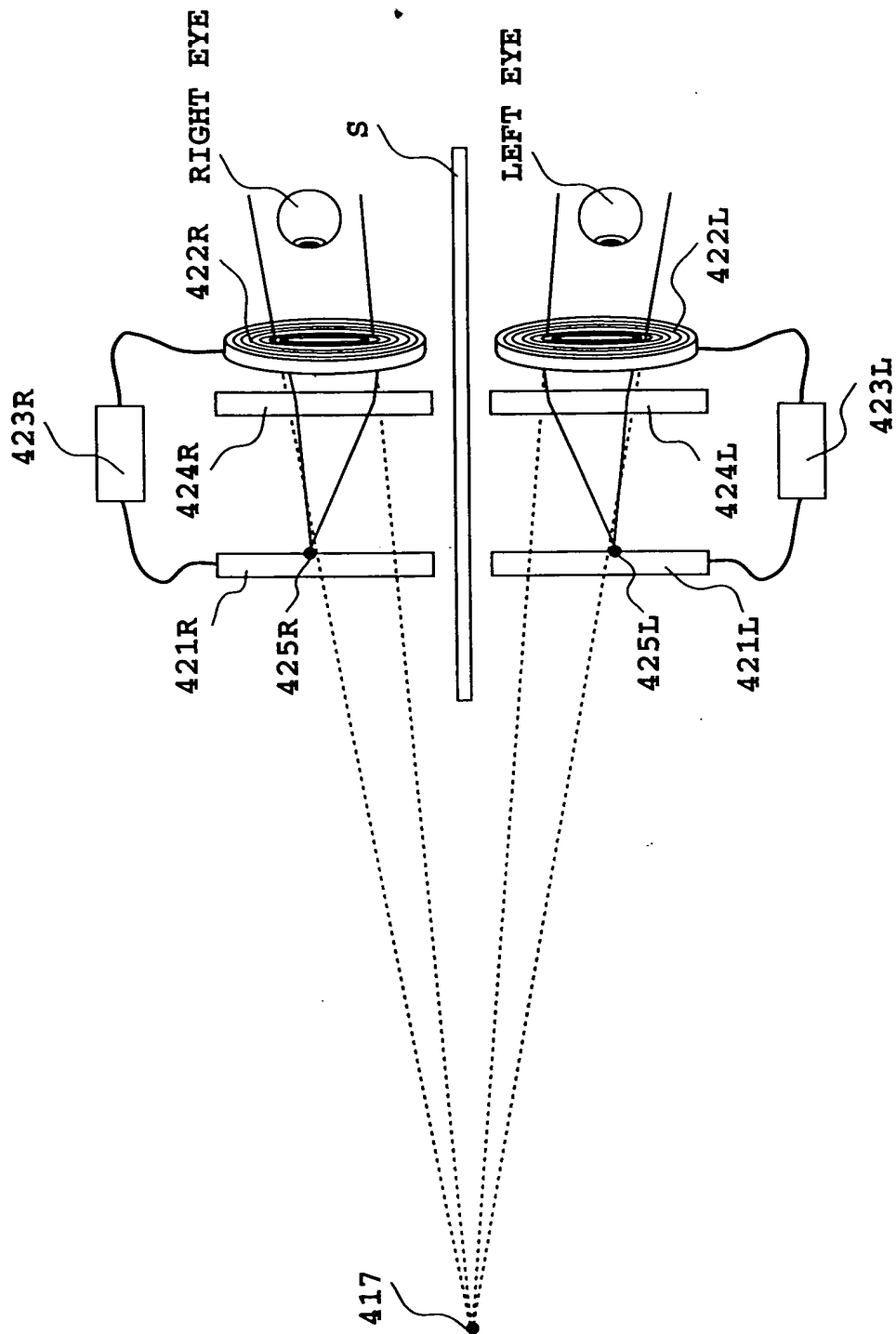


FIG. 66

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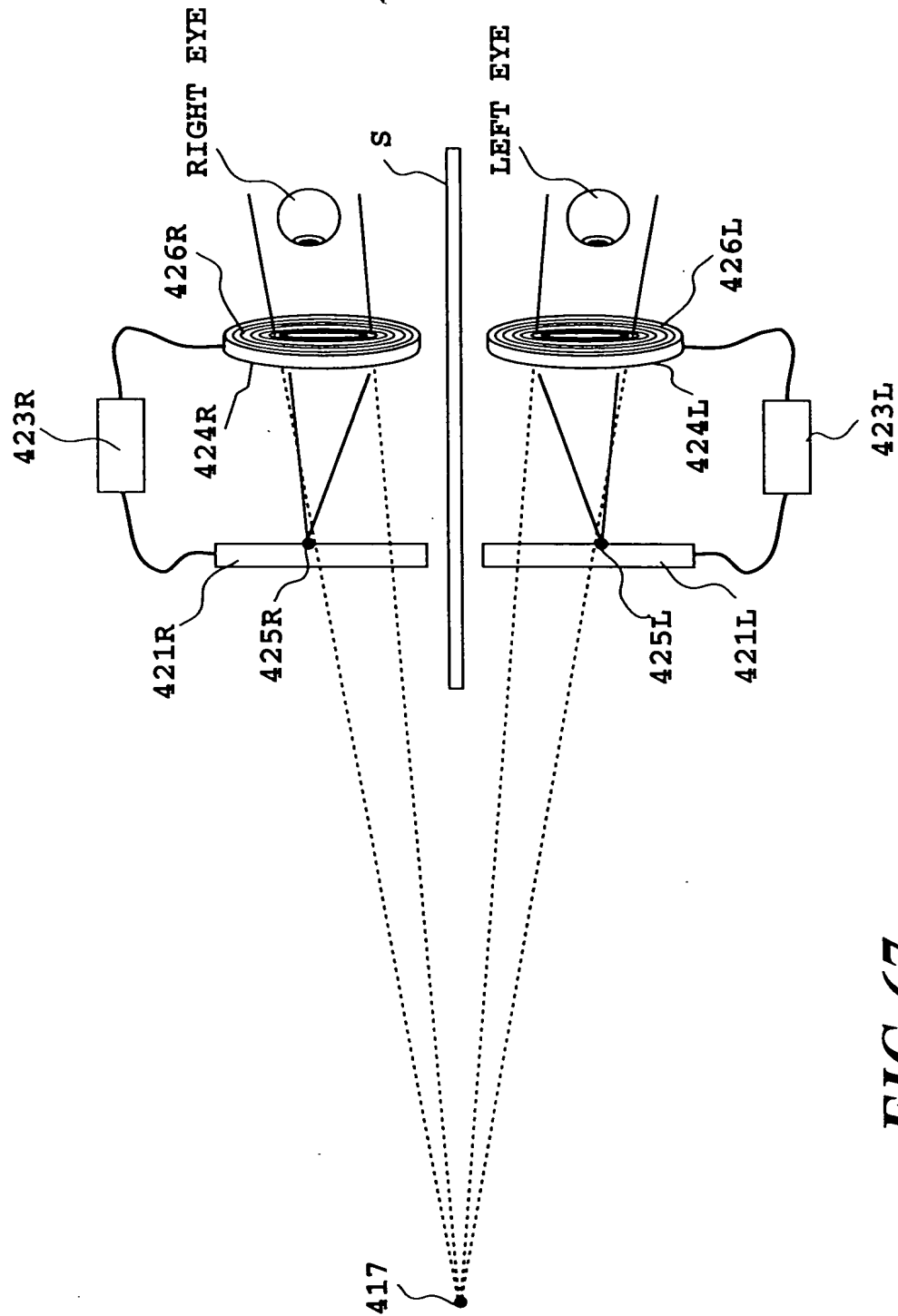


FIG. 67